



Diagnostics & Test Equipment

2014

Accessories | Break Out Equipment | Common Rail Remove & Refit Tooling | Electronic & Hydraulic Common Rail Diagnostics
Fuel Analyser | Harness Repair Range | Injector Solvent Cleaning Kit | OBD/EOBD Diagnostics

DDCX117A

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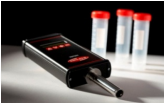



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Diagnostic and Test Equipment

Catalogue Menu

DELPHI has a comprehensive range of Diagnostic Test equipment and Tooling, all focused on a professional approach to the repair of vehicle systems.

This can mean having the right tool to save time, or the right tool to eliminate risk of damaging the system or component being diagnosed, removed and replaced. See the below menu which gives a brief overview to each section of this catalogue.

	<p>Delphi Diagnostics Solutions (OBD/EOBD)</p> <p>Delphi offers highly efficient and intelligent diagnostic solutions for the workshop, with functionalities such as Intelligent System Identification (ISI), Intelligent System Scan (ISS) and Intelligent System Updates (ISU). With our flexible hardware and software packages you can perform service functions, repair and adjustments to many vehicles in a short time, with many advantages like fast and reliable diagnostics, user friendly software, fast software installation and easy updates.</p>	click here
	<p>Harness Repair range</p> <p>Replacing a engine harness due to a faulty or damaged connector can be expensive, These simple kits offer the workshop technician and vehicle owner a cost effective and time saving solution.</p>	click here
	<p>Electronic Break out equipment</p> <p>Delphi offers break out boxes specific to testing of DCUs and Mini break out boxes for testing of individual components and sensors on the vehicle whilst avoiding any damage to the components and harnesses. They enable time saving repairs and confidence in data values, designed to facilitate accurate identification of electrical faults in system looms and electrical components (resistance, continuity, voltage, etc.)</p>	click here
	<p>Electronic CR Injector Tester - "BUZZ TOOL"</p> <p>This first to market, award winning "patent pending" All-Makes tool is a handheld device that is quick and "easy to use" with fast connection to all-makes CR injectors whilst on or off the vehicle to perform electronic diagnosis. This will determine or eliminate the CRi (electronics) as part of the diagnostic process and also allow decision on being repairable or not.</p> <p>Injector Solvent Cleaner Kit</p> <p>This Solvent Cleaner Kit along with the appropriate cleaning solvent 9001-908 is introduced to manage a specific issue of early stage valve lacquering on-vehicle The kit must be used alongside the NEW Delphi "Buzz Tool" YDT720.</p>	click here
	<p>Hydraulic Diagnostics</p> <p>The Delphi Sealed Rail, False Actuator, Backleaks and T-HP diagnostic kits provides exclusive on-vehicle diagnostics for Delphi Common Rail pumps and injectors, to efficiently diagnose and identify the faulty component, when there is an engine running problem but the engine still starts.</p>	click here Backleaks click here
	<p>Quick-Fits Phase 1 & 2 Kits and associated Tools</p> <p>The "Quick-Fit" kits are designed to enable low pressure hydraulic diagnosis on the vehicle, enabling the workshop to: Replace faulty fittings, Resolve air ingress or fuel leaks, Facilitate measurements of flow, pressure and vacuum, Allow components to be fed directly for test purposes.</p>	click here
	<p>Delphi Fuel Analyser</p> <p>First level fuel diagnostics. Delphi's innovative fuel analyzer is designed to give fleets, workshops and garages the capability to check the level of biofuel in diesel and identify impurities, quickly and cost effectively to determine whether fuel is the root cause of any diesel engine related issues.</p>	click here
	<p>Remove and Refit tooling & hand tools</p> <p>Recommended to facilitate quick and easy removal of components, to minimize damage to components, CR System and engine. The right tool provides time saving on technician operations that are difficult without dedicated tooling. Range includes dedicated CR pump extractor kits, CR injector remove and refit kits, timing kits, dedicated sockets and spanners, equipment for cleanliness.</p>	click here
	<p>Cleanliness Tooling and Equipment</p> <p>Engine Vac / Protection Caps & Plugs / VCI bags etc.</p> <p>Protection caps and plugs are standard accessories that must be used due to the high cleanliness standards required when working on CR Systems due to the increasingly tight component tolerances and high pressures involved. Required for most diagnostic or remove & refit procedures</p>	click here
	<p>Documentation Cross Reference</p> <p>This cross reference section is made available to be able to know which tools are featured in which documents inside Delphi's web based Diesel technical resource - DIRECT EVOLUTION, a subscription to Direct Evolution is required and is part of the Delphi DSC Membership Package. Documents include user manuals, technical bulletins, and service instruction notes. http://www.delphidirectevolution.com</p>	click here

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V03.2014



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Delphi DS Solutions

EOBD/OBD Electronic Diagnostics

Delphi's Diagnostics Solutions offer the technician a comprehensive range of diagnostic software platforms to service all makes light, medium and heavy duty vehicles. This includes Cars, LCV's, Truck's Trailers and Buses.

Delphi offers highly efficient and intelligent diagnostic solutions for the workshop, with functionalities such as Intelligent System Identification (ISI), Intelligent System Scan (ISS) and Intelligent System Updates (ISU). With our flexible hardware and software packages you can perform service functions, repair and adjustments to many vehicles in a short time, with many advantages such as fast and reliable diagnostics, user friendly software, fast software installation and easy updates.

Delphi's Vehicle Communication Interface (VCI) can be used with your own laptop utilizing a Bluetooth Dongle* or USB lead. This provides a cost effective solution for workshops who already have suitable PC hardware available. With a full all makes coverage and an advanced EOBD functionality, it is the ideal tool for the workshop. Modern circuitry within the VCI means fast, reliable communication with the vehicle.

Delphi has the solution for you! Whether you are a vehicle enthusiast or if your business is a small workshop, large body shop or Breakdown recovery – Delphi has it covered.

WHY CHOOSE DELPHI AS YOUR DIAGNOSTIC PARTNER

- Users can find a diagnostic solution that fits the needs of their specific activities, from VCI & software only packages to professional PC hardware packages
 - Delphi were the first to offer a diagnostic tool using Bluetooth®, wireless technology,
 - Delphi's Diagnostic solutions are in constant evolution, our software is regularly enhanced with new applications and features
 - Spare parts and cables stocked
- On-going support for our products in the future, this is especially important when purchasing diagnostics, some diagnostic suppliers are here today, gone tomorrow

PRODUCT HIGHLIGHTS

- Easy to use : with simple and user-friendly navigation,
- Common interface for cars and trucks applications,
- High mobility : using latest Bluetooth® wireless technology,
- Highly integrated technology: combination of serial diagnostics and integration/linking to technical databases (bespoke),
 - Large vehicle databases

FEATURES

- Manufacturer OBD & EOBD protocols covered • Read & erase fault codes for all systems (EMS, ABS, SRS, climate control, instrument panel, immobilizer etc.)
 - Service light reset
 - Live data readings, parameter adjustments,
 - Component activation, ECU coding.

BENEFITS OF DELPHI'S SOFTWARE PACKAGES

- Competitively priced hardware and software packages
 - Our software does not time out
 - We charge no catch-up fees when you update your software
 - You can add our Car or Truck software package with no extra "connection" charge
- You do not need any additional hardware, and there are no hidden costs. As long as the Truck and Car diagnostics are running the same software version, they can be used on the same VCI
- Our software covers an extremely wide range of vehicles.
 - Our software is updated at least 3 times a year to meet your requirements
 - Diagnostics help and support files included at no extra cost
 - Customers have exclusive access to Delphi Technical Hotline – *region specific
 - Our software is fast, efficient and extremely user friendly, leaving you free to concentrate on repairing the vehicle
 - Software is available for direct download from our web site; <http://europe.delphi-dso.com>

DELPHI VCI FUNCTIONALITY



Flight recorder for All Systems
Records to Micro SD Card in VCI
Car Battery Voltage Monitoring with audible and LED Flashing Alarm
Integrated OBD Socket Light
12volt and 24volt capability
Robust Case
Fully Multiplexing
Modern Design
Bluetooth or USB
Non slip cover
Replaceable Cable
Advanced electronics, making the Delphi DS VCI fast and efficient

[Learn More >](#)

Vehicle coverage



System coverage



Delphi DS Hardware Kits

Part #	Description	Information
SV10546	DS150E Hardware Kit The DS150E package is designed for customers who wish to use their own Windows based PC hardware in order to reduce the investment cost.	Kit Contents <ul style="list-style-type: none"> • Delphi Diagnostic VCI • Mini Bluetooth Dongle for wireless communication • Carry Case.
SV10546EX	DS150E Hardware Kit - Service Exchange Delphi is happy to support customers who have an old Delphi DS solution or Competitor diagnostic equipment and can offer a SERVICE EXCHANGE deal on a new Delphi DS150E Hardware Kit Available until 31st December 2014	If you wish to use the Delphi SW and VCI on your own PC, Delphi recommends the following specification: <ul style="list-style-type: none"> • Intel® Pentium® 4 1.7 GHz or better (or similar) • Windows 8, Windows 7, Windows Vista®, Windows® XP(*) SP3 • 1024-2048 MB RAM (depending on operating system) <ul style="list-style-type: none"> • 2000 MB free hard disk space • Screen with resolution 1280 x 800 or better <ul style="list-style-type: none"> • Internet connection • Bluetooth (SPP) or USB
SV10546SW	DS150E Hardware Kit - Including current software Includes current version of MAX CAR/LCV Software - no updates included, however a software license subscription can be added at any time	Detail as above SPECIAL OFFER <ul style="list-style-type: none"> • Current PC Software license included (at time of order). No updates included. Software subscription can be added at a later date. Delphi reserve the right to suspend this offer at any time.



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Delphi DS Solutions

EOBD/OBD Electronic Diagnostics

Delphi DS Hardware Kits (Cont.)



Part #		Description	Information
SV10610 (NL) SV10611 (DE) SV10612 (DK) SV10613 (ES) SV10614 (FR) SV10615 (IT) SV10774 (UK) SV10775 (SE) SV10776 (PL) SV10777 (RU)		<p>Delphi DS350E Convertible PC Kits Available as different language specifications to support the relevant Windows operating system, power supply and keyboard version.</p> <p>The DS350E package is designed for customers who wish to also purchase a dedicated and tested PC, able to withstand the workshop environment. Delphi's convertible PC offers the best of both worlds as can be used as a touch screen tablet or as a conventional style laptop.</p>	<p>DS350E Convertible PC Kits:</p> <ul style="list-style-type: none"> Diagnostic VCI • Carry Case. Convertible PC Hardware <p>Convertible PC Specification Windows 7 32 bit, 10" Touch Screen (Battery life 8.5 hrs. - typical usage time), 320Gb Hard Drive - 2Gb DDR2 Memory / Built in Bluetooth - 1.3 Mega Pixel Swivel Webcam / 2 x USB2 Ports / Integrated 3 in 1 SMR Card Reader / Built in speakers, Battery Life Approx 8.5hrs on full charge</p>
SV11438 (UK) SV11439 (FR) SV11440 (IT) SV11441 (ES) SV11442 (DE) SV11443 (PL) SV11444 (NL)		<p>Delphi DS450E Tablet PC Kits The DS450E is the latest hardware package available and is designed for customers who wish to also purchase a dedicated and tested touchscreen tablet PC, able to withstand the workshop environment.</p> <p>Available as different language specifications to support the relevant Windows operating system and power supply.</p>	<p>DS450E Tablet PC Kits:</p> <ul style="list-style-type: none"> Diagnostic VCI • Carry Case. Tablet PC Hardware <p>Tablet PC Specification Dimensions (W) 10.1" x (L) 6.9" x (H) 0.34" Weight 585g, OS Windows 8 Professional 32-bit Screen 10.1" Touch, Anti-Glare, CPU Intel Atom Z2760 processor 1.8Ghz, Graphics Intel® Integrated HD SGX545, Storage 64GB SSD, RAM 2GB DDR2, Connectivity Wi-Fi (A/B/G/N), Bluetooth® 4, 3-in-1 Card Reader, USB 2.0 Camera Front: 2MP. Back: 8MP, 720p. Auto Focus and Flash, Audio On-board soundcard and built-in speakers, Battery Life Approx 10hrs on full charge. 30 days on standby</p>
SV11455 (UK) SV11456 (FR) SV11457 (IT) SV11458 (ES) SV11459 (DE) SV11460 (PL) SV11461 (NL)		<p>Delphi DS650E Tablet PC Kits Renamed from DS350E for easier identification / Tablet PC model and specification has been upgraded.</p> <p><i>The DS650E package is designed for customers who wish to also purchase a dedicated and tested PC, with protection to withstand the workshop environment.</i></p> <p>Available as different language specifications to support the Windows operating system, power supply and keyboard version.</p>	<p>DS650E Tablet PC Kits:</p> <ul style="list-style-type: none"> Diagnostic VCI • Carry Case. Tablet PC Hardware <p>Tablet PC Specification Dimensions (W) 10" x (L) 10" x (H) 0.95" Weight 1.5kg, OS Windows 7 Professional 32-bit Screen 10.4" Touch, Anti-Glare, CPU Intel® Core™ i3 Processor 1.9 GHz, Graphics Intel® Integrated HD 4000, Storage 64GB SSD, RAM 2GB DDR3 Connectivity Wi-Fi (A/B/G/N), Bluetooth® 4, 3-in-1 Card Reader, USB 2.0, Camera Front: 2.3MP Back: 3MP, 720p, Audio On-board soundcard and built-in speakers, Battery Life Approx 6hrs on full charge</p>
SV11339		<p>DS150E Truck Kit The DS150E package is designed for customers who wish to use their own Windows based PC hardware in order to reduce the investment cost.</p> <p>The cables included in this kit are: 38 Pin Iveco / 30 Pin Iveco / 2x2 Pin VW / 14 Pin Mercedes / 38 Pin Mercedes / 8 Pin Volvo / 16 Pin DAF / Scania / 12 Pin MAN / 37 Pin MAN / 12 Pin Renault / 9 Pin Deutsch/Cummins / 3 Pin Fiat / Iveco</p>	<p>DS150E Kits:</p> <ul style="list-style-type: none"> Diagnostic VCI • Carry Case. Cable Set <p>The OBD cables included in this kit are: 38 Pin Iveco / 30 Pin Iveco / 14 Pin Mercedes / 8 Pin Volvo / 16 Pin DAF / Scania / 12 Pin MAN / 37 Pin MAN / 12 Pin Renault / 3 Pin Fiat / 3+6+9 Pin ZF Cable / 9 Pin Deutsch (Allison Gbox) / Mitsubishi Fuso/Canter / Power Supply Cable</p>
SV11340 (UK)		<p>DS350E Convertible PC Truck Kit The DS350E package is designed for customers who wish to also purchase a dedicated and tested PC, able to withstand the workshop environment. Delphi's convertible PC offers the best of both worlds as can be used as a touch screen tablet or as a conventional style laptop.</p>	<p>DS350E Tablet PC Kits:</p> <ul style="list-style-type: none"> Diagnostic VCI • Carry Case. Convertible PC Hardware • Cable Set <p>Convertible PC - See spec above</p> <p>The OBD cables included in this kit are: 38 Pin Iveco / 30 Pin Iveco / 14 Pin Mercedes / 8 Pin Volvo / 16 Pin DAF / Scania / 12 Pin MAN / 37 Pin MAN / 12 Pin Renault / 3 Pin Fiat / 3+6+9 Pin ZF Cable / 9 Pin Deutsch (Allison Gbox) / Mitsubishi Fuso/Canter / Power Supply Cable</p>
SV11447 (UK) SV11448 (FR) SV11449 (IT) SV11450 (ES) SV11451 (DE) SV11452 (PL) SV11453 (NL)		<p>DS450E Tablet PC Truck Kit The DS450E is the latest hardware package available and is designed for customers who wish to also purchase a dedicated and tested touchscreen tablet PC, with protection to withstand the workshop environment.</p> <p>Available as different language specifications to support the relevant Windows operating system and power supply.</p>	<p>DS450E Tablet PC Kits:</p> <ul style="list-style-type: none"> Diagnostic VCI • Carry Case. Tablet PC Hardware • Cable Set <p>Tablet PC - See spec above</p> <p>The OBD cables included in this kit are: 38 Pin Iveco / 30 Pin Iveco / 14 Pin Mercedes / 8 Pin Volvo / 16 Pin DAF / Scania / 12 Pin MAN / 37 Pin MAN / 12 Pin Renault / 3 Pin Fiat / 3+6+9 Pin ZF Cable / 9 Pin Deutsch (Allison Gbox) / Mitsubishi Fuso/Canter / Power Supply Cable</p>






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Delphi DS Solutions


EOBD/OBD Electronic Diagnostics

Part #	Description	Information
SV11469 (UK) SV11470 (FR) SV11471 (IT) SV11472 (ES) SV11473 (DE) SV11474 (PL) SV11475 (NL)	 <p>DS650E Tablet PC Truck Kit The DS650E is the latest hardware package available and is designed for customers who wish to also purchase a dedicated and tested touchscreen tablet PC, with protection to withstand the workshop environment.</p> <p>Available as different language specifications to support the relevant Windows operating system and power supply.</p>	<p>DS650E Tablet PC Kits:</p> <ul style="list-style-type: none"> Diagnostic VCI • Carry Case Tablet PC Hardware • Cable Set Tablet PC - See spec above <p>The OBD cables included in this kit are: 38 Pin Iveco / 30 Pin Iveco / 14 Pin Mercedes / 8 Pin Volvo / 16 Pin DAF / Scania / 12 Pin MAN / 37 Pin MAN / 12 Pin Renault / 3 Pin Fiat / 3+6+9 Pin ZF Cable / 9 Pin Deutsch (Allison Gbox) / Mitsubishi Fuso/Canter / Power Supply Cable</p>
SV11378	 <p>Delphi Activalves - TPMS Tool (replaces previous SV10471) This latest generation Activalves is an OE tool used by many vehicle manufacturers, such as Renault. Simple user process and routine.</p>	<ul style="list-style-type: none"> Modulated LF 125KHz activation mode for Schrader & Siemens TPMS sensors 433 MHz reception, to check that a TPMS sensor works by confirming that a signal has been emitted by the sensor. Ability to test HF & IR of key fobs

Delphi DS Hardware Upgrade Kits

Part #	Description	Information
SV10802 (UK) SV11177 (FR)	 <p>HARDWARE UPGRADE KIT - CONVERTIBLE PC Available as an upgrade Kit from DS100E (no longer available) or DS150E users who wish to add PC Hardware to their current Delphi Diagnostics Solution - No VCI Included</p>	See details of DS350E Hardware Kit No VCI Included
SV11422 (UK) SV11418 (FR) SV11419 (IT) SV11417 (ES) SV11416 (DE) SV11421 (PL) SV11420 (NL)	 <p>HARDWARE UPGRADE KIT - Windows 8 Tablet PC Available as an upgrade Kit from DS100E (no longer available) or DS150E users who wish to add PC Hardware to their current Delphi Diagnostics Solution - No VCI Included</p>	See details of DS450E Hardware Kit No VCI Included
SV11462 (UK) SV11463 (FR) SV11464 (IT) SV11465 (ES) SV11466 (DE) SV11467 (PL) SV11468 (NL)	 <p>HARDWARE UPGRADE KIT - Windows 7 Tablet PC Available as an upgrade Kit from DS100E (no longer available) or DS150E users who wish to add PC Hardware to their current Delphi Diagnostics Solution - No VCI Included</p>	See details of DS650E Hardware Kit No VCI Included

Delphi Euro5 PassThru Device

Part #	Description	Information
SV11330	 <p>Delphi EURO5 PASSTHRU Device The link between OE manufacturer websites and vehicle Euro 5 "Pass Thru" (ISO22900 or SAE J2534) is a standard for downloading software to a vehicle ECU with a generic, independent tool. The regulation gave the independent aftermarket the possibility to reprogram ECUs. It started with the emissions related ECUs, extended on some vehicles. Delphi Euro 5 VCI is a tool that allows you to download new software to some of the reprogrammable electronic control units of Euro 5 type approved vehicles, without purchasing the manufacturer tool. Having a dedicated Euro 5 interface is more practical, leaving your diagnostic tool free for other tasks in the workshop. Some vehicle ECU updates can take more than 12 hours!</p>	<p>FUNCTIONS</p> <ul style="list-style-type: none"> Software programming of ECU Can also be used on some non-Euro 5 vehicles, manufacturer support dependent Download and update software for all Euro 5 systems No subscription to Delphi. Subscription to manufacturer websites required.
	Learn More >	<p>Delphi Euro5 Portal</p> <p>http://www.delphi-euro5.com/</p> <p>Dedicated Delphi website Automatic loading of Delphi software Links to vehicle manufactures websites</p>



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EOBD/OBD Electronic Diagnostics

Delphi OBD Cable Kits

Part #		Description	Information
SV10365		CAR CABLE PACKAGE (PRE-16PIN) - CAR / LCV	11 Cables in a dedicated Carry Case 2+2 Pin Audi / VW, 14-Pin Mercedes 10-Pin OPEL, 2-Pin Citroën / Peugeot, 30-Pin Citroën / Peugeot, 12-Pin Renault, 3-Pin FIAT, 20-Pin BMW, 38-Pin Mercedes, 12v Power Cable
SV10830		TRUCKS HCV AND TRAILERS CABLE KIT	11 Cables in a Heavy Duty Carry Case 8 pin Volvo / 16 pin Scania / DAF / 12 pin MAN / 37 pin MAN / 12 pin Renault truck / 4 pin Haldex Trailer / 7 pin Knorr / Wabco Trailer / 4 pin Haldex (ECU) Trailer / 14 pin Mercedes / 7 pin ISO 7638 Trailer Test Cable / 30 pin Iveco
SV10831		TRUCKS, HCV, LCV AND TRAILERS CABLE KIT	17 Cables in a Heavy Duty Carry Case Audi/VW / OBD Cable Power supply / 14 pin Mercedes / 3 pin Fiat / 38 pin Mercedes / First generation F.V.V. OBD cable / 8 pin Volvo / 16 pin Scania / DAF / 12 pin MAN / 37 pin MAN / 12 pin Renault truck / 4 pin Haldex Trailer / 30 pin Iveco / 7 pin Knorr / Wabco Trailer / 7 pin ISO 7638 Trailer Test cable / 38 pin Iveco / 4 pin Haldex (ECU) Trailer
SV11341		OBD TRAILER CABLE KIT	6 Cables in a Heavy Duty Carry Case 4 Pin Haldex / 7 Pin Knorr-Bremse / Wabco / 4 pin Haldex (ECU Cable) / 7 Pin ISO Cable / 4+4 pin Haldex Trailer Cable / 7 Pin Knorr-Bremse



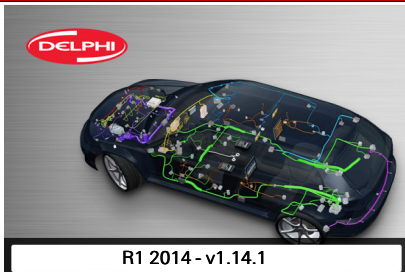
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Delphi DS Solutions

EOBD/OBD Electronic Diagnostics

Delphi DS Car/LCV Software

[Learn More >](#)



Latest Software version:

R1 2014 - v1.14.1

Delphi CAR / LCV Software supports diagnostics on:

61 Vehicle Manufacturers
Over 5600 models
More than 87,000 vehicle systems,

Covering more than 90% of the European Vehicle Parc

[Learn More >](#)

CAR and LCV Software

- OBD & EOBD serial diagnosis • Service Light Reset
- Read & Erase fault codes for all systems:
 - Petrol & Diesel Engine Management, ABS, Instrument Panel, Climate Control, Gearbox, Immobilizer, SRS, Multifunction (Central Body, Central Locking, Convenience Systems, Chassis, Infotainment, Lights, Navigation, Seats, TPMS etc. – Vehicle Specific)
 - Look at Live Data, graphing and saving of live data
- ECU Coding / Parameter Adjustments / Component Configuration
 - (Initialization of New Components, Particulate Filter Regeneration, Diesel Injector Coding, TPMS etc.)
 - Component Activation
- Intelligent System Scan – Complete scan of all ECU / ECM's on vehicle platform, configurable by system
- Full Vehicle Information Tree – Allowing vehicle specific check of OBD functionality without being connected to a vehicle
- Customer Reporting System

Part #	Description	LATEST UPDATE HIGHLIGHTS
SV10516	MAX SOFTWARE LICENSE 1 YR	PC SOFTWARE
SV10598	MAX SOFTWARE LICENSE 3 YR	PC SOFTWARE
SV10607	DIESEL MAX SOFTWARE LICENSE 1 YR	PC SOFTWARE Delphi Diesel Service Centre Members Only
SV10608	DIESEL MAX SOFTWARE UPGRADE (Upgrade will be valid until main SW license date)	PC SOFTWARE Delphi Diesel Service Centre Members Only

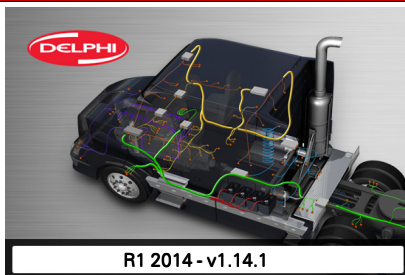
R1.2014 UPDATE:

More than 11,000 functions in over 300 models, for 32 Vehicle Manufactures have been implemented or updated.

Updates include added functionality for older vehicles up to the very newest vehicles. R1.2014 includes vehicles between 1994-2014.

Delphi DS HD/LCV Software

[Learn More >](#)



Latest Software version:

R1 2014 - v1.14.1

Delphi HEAVY DUTY Software supports diagnostics on:

47 Vehicle Manufacturers
Over 3250 models
more than 57,000 vehicle systems

Heavy Duty Software includes coverage for:
Trucks, Trailers, LCV and Coaches / Buses.

[Learn More >](#)

Trucks, Trailers, Buses and LCV Software

- OBD & EOBD serial diagnosis • Service Light Reset
- Read & Erase fault codes for all systems:
 - Petrol & Diesel Engine Management, ABS, Instrument Panel, Climate Control, Gearbox, Immobilizer, SRS, Multifunction (Central Body, Body Builder Module, Electrically Steered Rear Axle, Cruise Control, Alarm, Satellite Communication, Navigation, Convenience Systems, Chassis, Infotainment, Lights, TPMS etc. – Vehicle Specific)
 - Look at Live Data, graphing and saving of live data
- ECU Coding / Parameter Adjustments / Component Configuration
 - (Initialization of New Components, SCR (AdBlue) Reset, Desiccant Holder Air Dryer Reset, Diesel Injector Coding, TPMS etc.)
 - Component Activation
- Intelligent System Scan – Complete scan of all ECU / ECM's on vehicle platform, configurable by system
- Full Vehicle Information Tree – Allowing vehicle specific check of OBD functionality without being connected to a vehicle
- Customer Reporting System

Part #	Description	LATEST UPDATE HIGHLIGHTS
SV10821	HEAVY DUTY SOFTWARE LICENSE 1 YR	PC SOFTWARE

R1 2014 UPDATE

More than 3,000 functions in over 180 models, for 37 Vehicle Manufactures have been implemented or updated.

Updates include added functionality for older vehicles up to the very newest vehicles. R1.2014 includes vehicles between 1995-2014.



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Delphi DS Solutions

EOBD/OBD Electronic Diagnostics

Individual OBD Cables



SV10202

2+2 pin VAG



SV10203

14 pin MB Sprinter+VW LT



SV10204

10 pin Opel



SV10205

2 pin PSA



SV10206

30 pin PSA



SV10207

11 pin Renault



SV10208

10 pin SAAB



SV10209

3 pin FIAT



SV10210

20 pin BMW



SV10211

38 pin MB



SV10212

Power Cable



SV10481

Ford, Volvo, VAG (FVV)



SV10822

8 pin Volvo



SV10823

16 pin Scania/DAF



SV10824

12 pin MAN



SV10825

37 pin MAN



SV10826

12 pin Renault



SV10827

4 pin Haldex Trailer



SV10828

7 pin Knorr Trailer



SV10829

4 pin Haldex (ECU) Trailer



SV10833

30 pin Iveco



SV11049

7 pin ISO 7638 Trailer



SV11050

38 pin Iveco



SV11061

7 pin Knorr/WABCO Trailer



SV11174

9 pin Deutsch / Allison



SV11325

3+6+9 pin ZF



SV11326

9 pin Bus



SV11327

4+4 pin Haldex ABS Trailer



SV11322

2 meter EOBD extension



SV11323

6 meter EOBD extension



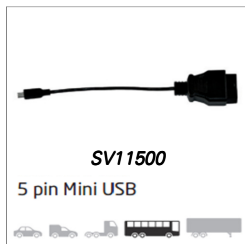


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Delphi DS Solutions

EOBD/OBD Electronic Diagnostics

Individual OBD Cables (Cont.)



Delphi DS Hardware Extras

Part #	Description	Information
SV10088	 <p>Mini Bluetooth v4.0 Adapter / Dongle Verified for accurate communication with Delphi VCIs Mini sized so as not to be easily knocked or damaged</p> <p>10 meter / 30 foot range, Connect up to seven devices enabled with Bluetooth® wireless technology. This small adapter draws minimal energy and provides your laptop with the latest Bluetooth wireless technology. It is also backwards compatible with legacy Bluetooth technology.</p>	<p>Package Contents Mini Bluetooth Adapter (Class 2; v4.0) Installation CD-ROM Quick Install Guide (11 languages)</p> <p>System Requirements Windows XP, Windows 7 or Windows 8</p>
SV10429	 <p>USB DVD Drive</p>	
SV11436 (UK) SV11437 (EU)	 <p>DS450E Docking Station</p>	
SV11434 (FR) SV11435 (UK) SV11446 (IT) SV11491 (ES) SV11492 (DE) SV11493 (PL) SV11494 (NL)	 <p>DS450E BT Keyboard</p>	
SV11445	 <p>DS450E Slim Case - Red</p>	
SV11430	 <p>DS450E Protector Carry Case</p>	
SV11495	 <p>DS450E Tablet 36W DC Charger - For in vehicle use</p>	



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Delphi DS Solutions

EOBD/OBD Electronic Diagnostics

Part #		Description	Information
SV11363		DS650E Docking Station - UK Power Supply	The Black Dock is a full-featured, desktop docking station. The Dock features external ports to support an external VGA display, RJ45 connectivity and additional USB accessories such as a full-sized keyboard, mouse and printer.
SV11482		DS650E Docking Station - EU Power Supply	The Docking Station includes a charging bay to charge an additional battery which can be hot swapped while the unit is docked. The Dock also has a universal lock slot for added security. AC power Pack included.
SV11365		DS650E Carry Sleeve	The Carry Sleeve allows users, a comfortable and convenient way to transport and use their tablet PC. It provides extra protection for the tablet PC while giving you alternative carrying options with the shoulder strap. The integrated easel also enables you to easily stand the Tablet on flat surfaces for working or viewing. Carry Sleeve design also provides for an opening at the bottom which allows you to use the EasyConnect USB/Ethernet Module.
SV11367		DS650E Vehicle Power Adaptor (12v)	

Delphi DS Hardware Spares

Part #	Description	Information
SV10068	USB Cable for VCI or printer	Spare and replacement parts / components
SV10132	USB Keyboard UK	
SV10137	HP TC1100 Tablet Power Lead For Pc UK	
SV10176	Pocket PC / PDA - UK	
SV10184	Pocket PC / PDA Ruggedized Case For Hp114 Series	
SV10432	SYNC. CABLE HX2190B AND HX2110 PDA	
SV10441	SD Card	
SV10601	Mini VCI Cable & 16 Pin Socket - Replacement Part (Old Mini VCI)	
SV10602	Mini VCI Bluetooth Stub Antenna	
SV10603	Combined VCI Bluetooth 1/2 Wave Length Ant.	
SV10604	Combined VCI Bluetooth Antenna Cable	
SV10799	Motion Le Series Additional Standard Battery	
SV10800	Motion Le Series Spare Stylus	
SV10801	Motion Le Series Power Supply / AC Power Pack	
SV10814	Stylus for Pocket PC / PDS HP114 Series	
SV10818	LAN Cable	
SV11165	Convertible PC With FR Keyboard	
SV11166	Convertible PC With UK Keyboard	
SV11181	Large Hardware Kit Carry Case with Delphi Logo	
SV11304	Replacement Mini VCI Unit - (New 2012 "Black VCI")	
SV11318	Keyboard UK for NTL3/4 PC	
SV11319	Keyboard FR for NTL3/4 PC	
SV11320	Keyboard DE for NTL3/4 PC	
SV11329	VCI Repair Cable (New Mini VCI 2012>)	
SV11331	Replacement Battery for DS350E Convertible PC	
SV11362	Replacement Tablet PC and Power Supply - DS650E - Motion F5TE	
SV11364	DS650E Protective Display Film (Pack of 3)	
SV11366	DS650E Digitizer Pen	
SV11368	DS650E Spare Battery - Motion F5TE (Black)	
SV11369	DS650E AC Power Pack (PSU)	
SV11431	DS450E Tablet Adapter - UK	
SV11432	DS450E Tablet Adapter - EU	
SV11483	DS650E Standard 2M EU adaptor	
SV11400	DS450E Tablet + power supply UK - UK	
SV11412	DS450E Tablet + power supply EU - FR	
SV11413	DS450E Tablet + power supply EU - IT	
SV11411	DS450E Tablet + power supply EU - ES	
SV11410	DS450E Tablet + power supply EU - DE	
SV11415	DS450E Tablet + power supply EU - PL	
SV11414	DS450E Tablet + power supply EU - NL	
SV11433	DS450E Pen	

[Learn More >](#)

DS100E PDA Software Phase out - Marketing Information Note: DM1101

Car Diagnostic Software Release 2 2014 - Marketing Information Note: DM1180
Truck Diagnostic Software Release 2 2014 - Marketing Information Note: DM1181

<http://europe.delphi-dso.com>



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Harness Repair Leads

Repair Equipment

The quality of the electrical contact on the common rail injector, pump, inlet metering valve, high pressure sensor or high pressure valve is vital to the performance of the system. During every intervention it is imperative to ensure that the electrical connector, as well as the cable and seals, are in perfect condition. If any part of the harness is faulty, it should be replaced. Damage may be caused through vibration, oxidation or incorrect contact. Replacing a common rail engine harness due to a faulty or damaged connector can be expensive, and these simple kits offer the workshop technician and car driver a cost effective and time saving solution, only taking 15-30 minutes to repair!

Delphi offers this range across a wide range of vehicle electronics systems and components, the x-reference of the Delphi Vehicle electronics part and the relevant harness repair kit is now featured in the buyers guide section in the rear of our Vehicle Electronics Aftermarket parts catalogue.



Engine management systems incorporate a large number of sensors and actuators. Diagnostic procedures applied to these components can identify connector problems.

Delphi offer a comprehensive range of repair harnesses, designed to :

- Avoid replacing a complete harness.
- Make working on the vehicle easier.
- Optimize repair times.
- Guarantee contact quality.

Packed in a convenient kit that includes all of the components required to perform the repair:

- Electrical connector assembly (with universal coding where appropriate)
- 30cm of twisted wires
- Appropriate qty of welding sleeves

Delphi will continue to extend the range of harness repair progressively as new applications are introduced.

[Learn More >](#)

CAUTION

Check the type of connector contact material during the diagnostic process.

The contact material of the replacement connectors must be the same as the originals:

- Gold contacts
- Silver contacts
- Tinned contacts.

Mixing gold, silver or other plated contacts will eventually lead to corrosion of the contact surfaces

Delphi Harness Repair Range

Refer to Buyers guide in Delphi VE Catalogue
S223/10 or www.delphicat.com

Part #		Pack Qty	Description	No. of Pins	Pin Type	Application
9001-845		1	Harness Delphi CR Injector	2	gold	Delphi CR Injectors Delphi CR injector - DF11.1 to 1.4 Delphi CR injector - DF11.5 (*) (*): DF11.5 - 2 possible connectors
9001-846		10	Pack of replacement O-rings for Delphi CR injector connectors (9001-845)	n/a	n/a	Delphi CR Injectors
9001-886		1	Harness Delphi CR Injector 2 wires twisted	2	gold	Delphi CR Injector - DF11.5 (*) (*): DF11.5 - 2 possible connectors
9001-921		1	Harness Delphi Direct Acting Piezo Injector 2 wires under rubber sheath + earth	2	gold	Delphi Piezo Injectors DF13
9001-851	TO BE ADDED	10	Pack of replacement O-rings for Delphi CR injector connectors (9001-886 & 9001-921)	n/a	n/a	Delphi CR Injectors
9001-922		1	Harness "SICMA2" - Universal	2	tin	Delphi HP Pump actuator DFP1 & DFP3 Delphi DPCN NLS injector Continental HP Pump actuator (2 per pump) Continental CR rail actuator Sensors for engine management
9001-923		1	Harness "SICMA2" - Universal	2	gold	
9001-924		1	Harness "SLK" - Universal	2	tin	Delphi HP Pump actuator DFP1; DFP3; DFP6, Delphi HPV Rail Continental HP Pump actuator Bosch CR Pump actuator, & Rail HPV Sensors for engine management
9001-925		1	Harness "SLK" - Universal	2	silver	
9001-902		1	Harness "SLK" - Universal (higher current)	2	silver	
9001-926		1	Harness "MLK" - Universal	2	tin	Delphi HP pump actuator DFP3 & DFP6 Delphi Fuel temperature sensor Sensors for engine management
9001-927		1	Harness "MLK" - Universal (higher current)	2	silver	
9001-928		1	Harness "ACS" - Universal	2	tin	Bosch HP Pump actuator CP1 & CP3 Bosch HPV on rail Sensors for engine management
9001-929		1	Harness "ACS" - Universal	2	gold	
9001-903		1	Harness "ACS" - Universal (higher current)	2	gold	
9001-930		1	Harness "SICMA2" - Universal	3	tin	Delphi/Bosch/Continental HPS on rail. Other sensors and actuators on the engine harness.
9001-931		1	Harness "SICMA2" - Universal	3	gold	



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Harness Repair Leads

Repair Equipment

Part #		Pack Qty	Description	No. of Pins	Pin Type	Application
9001-932		1	Harness "ACS" - Universal	3	tin	Bosch HPS on rail Sensors and Actuators for engine management.
9001-933		1	Harness "ACS" - Universal	3	gold	
9001-934		1	Harness "SLK" - Universal	3	tin	Delphi/Bosch/Continental HPS on rail. Other sensors and actuators on the engine harness.
9001-935		1	Harness "SLK" - Universal (higher current)	3	silver	
9001-936		1	Harness "MTS" - Universal coding to cover coding A/B & C	2	tin	Bosch CR pump temperature sensor Sensors for engine management
9001-937		1	Harness "MTS" - Universal coding to cover coding A/B & C	2	gold	
9001-956		1	Harness "Timer" – Universal	2	tin	Delphi EUI Injector Pump actuator Continental CR rail actuator Delphi DPCN NLS Injector and DPCN actuator Engine management sensor/actuator
9001-957		1	Harness "Timer" – Universal	2	gold	
9001-958		1	Harness "Timer" – Universal	3	tin	Delphi DPCN pump sensor & actuator Engine management sensor/actuators
9001-959		1	Harness "Timer" – Universal	3	gold	
9001-960		1	Harness "Sumitomo" – Universal	2	tin	Denso CR HP pump actuators (HP1/2/3) Denso injectors
9001-961		1	Harness "Sumitomo - TS"	2	tin	Denso CR Injectors
9001-962		1	Harness "FEP"	2	gold	Engine management sensors/actuators
9001-963		1	Harness "FEP"	3	gold	Engine management sensors/actuators
9001-964		1	Harness "SSC" – Universal	2	tin	Denso HP pump fuel temperature sensor Engine management sensor/actuator
9001-965		1	Harness "SSC" – Universal	2	gold	
9001-966		1	Harness "MQS" – Universal	3	tin	Engine management sensor/actuator
9001-967		1	Harness "MQS" – Universal	3	gold	Bosch CR HP sensor on rail Engine management sensors/actuators
9001-969		1	Harness "Sumitomo- MT"	3	gold	Denso CR HP sensor on rail Engine management sensors/actuators
9001-970		1	Harness "MLK" – Universal	3	tin	Engine management sensor/actuators
9001-971		1	Harness "MLK" – Universal	3	gold	
9001-972		1	Harness "J Mark II"	2	tin	Engine management sensor/actuators
9001-973		1	Harness "J Mark II"	2	gold	
9001-974		1	Harness "J Mark II"	3	tin	Engine management sensor/actuators
9001-975		1	Harness "J Mark II"	3	gold	Denso CR HP sensor on rail Engine management sensors/actuators
6407-600		1	Harness "GT150-3.5"	2	tin	Engine management sensor/actuators
6407-601		1	Harness "90 sealed"	2	tin	Engine management sensor/actuators
6407-602		1	Harness "RH/0.64" Universal coding	2	tin	Engine management sensor/actuators
6407-603		1	Harness "Metripack 150"	2	silver	Engine management sensor/actuators



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Harness Repair Leads

Repair Equipment

Part #		Pack Qty	Description	No. of Pins	Pin Type	Application
6407-604		1	Harness "Metripack 150" Type 1	2	tin	Engine management sensor/actuators
6407-605		1	Harness "DT"	2	tin	Engine management sensor/actuators
6407-606		1	Harness "Metripack 150" Type 2 - Universal coding	3	silver	Engine management sensor/actuators
6407-607		1	Harness "RH/0.64"	3	tin	Engine management sensor/actuators
6407-608		1	Harness "HX sealed"	3	tin	Engine management sensor/actuators
6407-609		1	Harness "Metripack 150.2" and "GT150/3.5"	3	silver	Engine management sensor/actuators
6407-610		1	Harness "DT"	3	tin	Engine management sensor/actuators
6407-611		1	Harness "SICMA 2" Universal coding	4	gold	Engine management sensor/actuators
6407-612		1	Harness "RH/0.64"	4	tin	Engine management sensor/actuators
6407-613		1	Harness "MLK" Universal coding	4	silver	Engine management sensor/actuators
6407-614		1	Harness "ACS" Universal coding	4	gold	Engine management sensor/actuators
6407-615		1	Harness "FEP 1.5"	4	gold	Engine management sensor/actuators
6407-616		1	Harness "Metripack 150.2" and "GT150/3.5"	4	silver	Engine management sensor/actuators
6407-617		1	Harness "Metripack 150"	4	silver	Engine management sensor/actuators
6407-618		1	Harness "JPT"	4	gold	Engine management sensor/actuators
6407-619		1	Harness "DT"	4	tin	Engine management sensor/actuators
6407-620		1	Harness "SICMA 2" Universal coding	5	gold	Engine management sensor/actuators
6407-621		1	Harness "ACS" Universal coding	5	gold	Engine management sensor/actuators



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Harness Repair Leads

Repair Equipment

Part #		Pack Qty	Description	No. of Pins	Pin Type	Application
6407-622		1	Harness "MLK"	5	silver	Engine management sensor/actuators
6407-623		1	Harness "FEP 1.5"	5	gold	Engine management sensor/actuators
6407-624		1	Harness "GT150-3.5"	5	gold	Engine management sensor/actuators
6407-625		1	Harness "SLK"	5	silver	Engine management sensor/actuators
6407-626		1	Harness "SICMA 2" Universal coding	6	gold	Engine management sensor/actuators
6407-627		1	Harness "RH/0.64"	6	tin	Engine management sensor/actuators
6407-628		1	Harness "MTII/1.5" Universal coding	6	silver	Engine management sensor/actuators
6407-629		1	Harness "DT"	6	tin	Engine management sensor/actuators
9001-815A		10	0.6mm Diameter Pre-soldered heat shrink sleeve connectors.	Suitable for repair of all harnesses with Delphi harness repair kits and general use  		Specific hot air guns are available on the market for a professional approach top using heat shrink sleeves. 
6407-632		10	1.5mm Diameter Pre-soldered heat shrink sleeve connectors.			
6407-633		10	2.5mm Diameter Pre-soldered heat shrink sleeve connectors.			

[Learn More >](#)

Information related to the Delphi Harness repair range can be found in Direct Evolution:
<http://www.delphidirectevolution.com> - Technical Note references - DT431 & DT458/6

Harness repair now features with a cross-reference to the Delphi VE part in the latest vehicle electronics catalogue – S223/10.

Harness Repair Range - Marketing Information Note: DM1051



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Harness Repair

Cross Reference

Delphi Harness Repair cross reference to Delphi VE parts

Refer to Buyers guide in Delphi VE Catalogue S223/10
or www.delphicat.com

Delphi VE Part #	Harness Repair #	Delphi VE Part #	Harness Repair #	Delphi VE Part #	Harness Repair #	Delphi VE Part #	Harness Repair #
25313846	9001-957	EG10339-12B1	6407-628	FE10064-12B1	6406-626	SS10809	9001-933
25317316	9001-957	EG10372-12B1	9001-956	FE10065-12B1	6406-626	SS10810	9001-959
AF10072-12B1	6407-625	EG10395-12B1	6407-628	FE10066-12B1	6406-626	SS10812	9001-935
AF10075-12B1	6407-628	EG10396-12B1	6407-626	FE10139-12B1	9001-956	SS10814	9001-959
AF10076-12B1	6407-626	ES10240-12B1	9001-956	FE10145-12B1	6406-626	SS10820	9001-933
AF10078-12B1	6407-625	ES10242-11B1	9001-956	FE10162-12B1	6406-626	SS10821	9001-959
AF10079-12B1	6407-623	ES10242-12B1	9001-956	FE10163-12B1	6406-626	SS10822	9001-959
AF10080-12B1	6407-621	ES10262-11B1	9001-958	FE10164-12B1	6406-626	SS10823	9001-933
AF10081-12B1	6407-623	ES10262-12B1	9001-958	FE10168-12B1	6406-626	SS10824	9001-929
AF10082-12B1	6407-621	ES10289-11B1	9001-956	FE10169-12B1	6406-626	SS10867	6407-603
AF10083-12B1	6407-623	ES10289-12B1	9001-956	FE10170-12B1	6406-626	SS10868	6408-603
AF10084-12B1	6407-625	ES10534-12B1	6407-614	FE10171-12B1	6406-626	SS10886	9001-959
AF10085-12B1	6407-621	ES10535-12B1	6407-614	FE10172-12B1	6406-626	SS10887	9001-959
AF10085-12B1	6407-621	ES10536-12B1	6407-614	FE10174-12B1	6406-626	SS10888	9001-959
AF10087-12B1	6407-625	ES10537-12B1	6407-614	FE10175-12B1	6406-626	SS10890	9001-923
AS10044-12B1	9001-929	ES10538-12B1	6407-614	FE10176-12B1	6406-626	SS10892	9001-957
AS10134-12B1	6407-601	ES10789-12B1	6407-614	FE10179-12B1	6406-626	SS10893	9001-959
AT10016-12B1	6407-623	ES10790-12B1	6407-614	FE10180-12B1	6406-626	SS10897	9001-959
AT10017-12B1	6407-615	ES10791-12B1	6407-614	FE10181-12B1	6406-626	SS10898	9001-959
AT10017-12B1	6407-623	ES10792-12B1	6407-614	FE20030-12B1	9001-972	SS10905	9001-925
AT10018-12B1	6407-615	ES10793-12B1	6407-616	FE20040-12B1	9001-972	SS20002	9001-925
AT10018-12B1	6407-623	ES10798-12B1	6407-614	FG20006-12B1	9001-974	SS20012	9001-957
AT10020-12B1	9001-958	ES10817-12B1	6407-614	FG20007-12B1	9001-974	SS20013	9001-957
AT10022-12B1	9001-958	ES10921-11B1	6407-628	FJ10035-11B1	9001-957	SS20014	9001-957
AT10024-12B1	9001-958	ES10957-11B1	9001-956	FJ10458-11B1	9001-957	SS20015	9001-957
CE10009-12B1	9001-958	ES10957-12B1	9001-956	FJ10603-11B1	9001-957	SS20016	9001-963
CE10018-12B1	6407-618	ES10971-12B1	6407-606	FJ10624-11B1	9001-957	SS20022	9001-957
CE10019-12B1	9001-958	ES10982-12B1	6407-614	FJ10721-12B1	9001-957	SS20023	9001-957
CE10021-12B1	9001-958	ES10994-12B1	9001-956	FJ10722-12B1	9001-957	SS20024	9001-923
CE10022-12B1	9001-958	ES11000-12B1	9001-956	FJ10723-12B1	9001-957	SS20025	9001-923
CE10023-12B1	9001-958	ES11013-12B1	6407-628	FJ10724-12B1	9001-957	SS20026	9001-957
CE10026-12B1	6407-618	ES11014-12B1	6407-628	FJ10725-12B1	9001-957	SS20027	9001-957
CE10612-12B1	9001-925	ES11015-12B1	6407-628	FJ10726-12B1	9001-957	SS20035	9001-925
CE20029-12B1	6407-623	ES11022-12B1	6407-628	FJ10727-12B1	9001-957	SS20036	9001-925
CE20029-12B1	6407-615	ES11026-12B1	6407-628	FJ10728-12B1	9001-957	SS20044	9001-957
CE20035-12B1	9001-958	ES11028-12B1	6407-628	FJ10730-12B1	9001-957	SS20045	9001-923
CE20036-12B1	9001-958	ES11036-12B1	6407-618	GN10199-12B1	6407-618	SS20046	9001-923
CE20046-12B1	9001-958	ES11041-12B1	9001-956	GN10211-12B1	9001-958	SS20047	9001-957
CE20047-12B1	9001-958	ES11049-12B1	6407-617	GN10212-12B1	6407-618	SS20048	9001-957
CE20053-12B1	9001-958	ES11050-12B1	6407-617	GN10232-12B1	6407-615	SS20049	9001-957
CE20054-12B1	9001-958	ES11052-12B1	6407-617	GN10235-12B1	6407-615	SS20057	9001-923
CE20055-12B1	9001-958	ES11053-12B1	6407-617	PS10002-11B1	6406-606	SS20058	9001-957
CE20060-12B1	6407-618	ES11055-12B1	6407-617	PS10094-12B1	9001-958	SS20066	9001-923
CV10000-11B1	6406-609	ES11056-12B1	6407-617	PS10096-12B1	9001-958	SS20067	9001-957
CV10001-11B1	6406-609	ES11061-12B1	6407-617	PS10105-12B1	9001-959	SS20069	9001-925
CV10002-11B1	6406-609	ES20023-11B1	6407-617	SL10068-12B1	9001-956	SS20070	9001-925
CV10175-12B1	6406-609	ES20135-11B1	6407-617	SL10069-12B1	9001-956	SS20082	9001-923
CV10176-12B1	6406-609	ES20229-12B1	9001-956	SL10174-12B1	9001-956	SS20110	9001-929
CV10177-12B1	6406-609	ES20231-12B1	6407-617	SS10003-11B1	6407-603	SS20118	9001-957
CV10178-12B1	6406-609	ES20232-12B1	9001-956	SS10004-11B1	6407-606	SS20119	9001-923
CV10179-12B1	6406-609	ES20233-12B1	9001-956	SS10005-11B1	6407-606	SS20120	9001-923
CV10181-12B1	6406-609	ES20236-12B1	6407-617	SS10025-11B1	6407-603	SS20121	9001-923
CV10183-12B1	6406-609	ES20237-12B1	9001-956	SS10050-11B1	6407-603	SS20127	9001-957
CV10185-12B1	6406-609	ES20238-12B1	6407-617	SS10057-11B1	9001-957	SS20135	9001-923
CV10188-12B1	6406-609	ES20240-12B1	9001-956	SS10152-11B1	9001-959	TS10019-11B1	6407-600
CV10189-12B1	6406-609	ES20244-12B1	9001-956	SS10188-11B1	9001-957	TS10075-11B1	6407-600
CV10191-12B1	6406-609	ES20262-12B1	6407-617	SS10309-11B1	6407-600	TS10076-11B1	6407-600
CV10194-12B1	6406-609	ES20263-12B1	6407-617	SS10513-12B1	9001-929	TS10077-11B1	6407-600
CV10195-12B1	6406-609	ES20264-12B1	6407-617	SS10518-12B1	9001-933	TS10078-11B1	6407-600
CV10200-12B1	6406-609	ES20265-12B1	6407-617	SS10711-12B1	9001-933	TS10149-11B1	9001-964
CV10201-12B1	6406-609	ES20266-12B1	6407-618	SS10712-12B1	9001-959	TS10175-11B1	9001-964
CV10224-12B1	6406-609	ES20267-12B1	6407-617	SS10733-12B1	9001-959	TS10218-12B1	9001-922
DS10000-12B1	6407-618	ES20276-12B1	6407-617	SS10734-12B1	9001-959	TS10219-12B1	9001-957
EG10003-12B1	6407-624	ES20277-12B1	6407-617	SS10735-12B1	9001-959	TS10220-12B1	9001-957
EG10004-12B1	6407-624	ES20280-12B1	6407-616	SS10736-12B1	9001-959	TS10221-12B1	9001-957
EG10006-12B1	6407-624	ES20281-12B1	6407-614	SS10738-12B1	9001-959	TS10227-12B1	9001-957
EG10007-12B1	6407-624	ES20282-12B1	6407-614	SS10739-12B1	9001-931	TS10229-12B1	9001-957
EG10015-12B1	6407-624	ES20283-12B1	6407-614	SS10740-12B1	9001-931	TS10230-12B1	9001-957
EG10255-12B1	6407-624	ES20284-12B1	6407-614	SS10741-12B1	9001-931	TS10232-12B1	9001-957
EG10256-12B1	6407-624	ES20291-12B1	6407-614	SS10743-12B1	9001-931	TS10235-12B1	9001-931
EG10257-12B1	6407-628	ES20292-12B1	6407-614	SS10744-12B1	9001-931	TS10237-12B1	9001-929
EG10258-12B1	6407-628	ES20299-12B1	6407-617	SS10745-12B1	9001-931	TS10239-12B1	9001-957
EG10259-12B1	6407-628	ES20300-12B1	6407-617	SS10746-12B1	9001-931	TS10241-12B1	9001-957
EG10260-12B1	6407-628	ES20302-12B1	6407-617	SS10747-12B1	9001-923	TS10242-12B1	9001-957
EG10276-12B1	9001-956	ES20310-12B1	6407-616	SS10748-12B1	9001-923	TS10244-12B1	9001-957
EG10282-12B1	9001-956	ES20311-12B1	6407-616	SS10757-12B1	6407-603	TS10249-12B1	9001-957
EG10290-12B1	6407-628	ES20314-12B1	6407-614	SS10761-12B1	9001-935	TS10250	9001-957
EG10291-12B1	6407-624	ES20315-12B1	6407-614	SS10762-12B1	9001-935	TS10251	9001-957
EG10292-12B1	6407-628	ES20335-12B1	6407-617	SS10763-12B1	9001-935	TS10252	9001-923
EG10293-12B1	6407-628	ES20338-12B1	6407-615	SS10767-12B1	9001-935	TS10253	9001-929
EG10294-12B1	6407-628	ES20339-12B1	6407-614	SS10769-12B1	9001-935	TS10254	6407-600
EG10295-12B1	6407-628	ES20340-12B1	6407-615	SS10770-12B1	9001-935	TS10255	9001-957
EG10296-12B1	6407-628	ES20342-12B1	6407-615	SS10771-12B1	9001-935	TS10262	9001-964
EG10297-12B1	6407-628	ES20343-12B1	6407-615	SS10772-12B1	9001-935	TS10265	9001-924
EG10298-12B1	6407-628	ES20344-12B1	6407-617	SS10773-12B1	9001-935	TS10266	9001-924
EG10300-12B1	6407-621	ES20348-12B1	6407-615	SS10797	9001-959	TS10268	9001-957
EG10301-12B1	6407-628	FE10030-12B1	9001-956	SS10798	9001-959	TS10270	9001-957
EG10302-12B1	6407-628	FE10033-12B1	6407-626	SS10799	9001-959	TS10277	9001-923
EG10303-12B1	6407-628	FE10034-12B1	6407-626	SS10800	9001-933	TS10278	9001-925
EG10309-12B1	6407-628	FE10038-12B1	6407-626	SS10804	9001-959	TS10281	9001-957
EG10310-12B1	6407-624	FE10041-12B1	6407-626	SS10806	9001-959	TS10282	9001-957
EG10323-12B1	6407-628	FE10042-12B1	6407-626	SS10807	9001-959	TS10454	6407-624
EG10335-12B1	9001-956	FE10043-12B1	6407-626	SS10808	9001-959		



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Break out Equipment

Electronic Diagnostics

Delphi's Break out Boxes are an interface between the vehicle's ECU and the wiring loom, they allow the use of a multi-meter or PicoScope to measure voltage, continuity and waveforms. Ideal for when electronic communication is not possible with a Diagnostic Scan Tool, if the diagnostic socket is faulty, or to determine if the ECU may be faulty.

This Break out range provides a professional, safe and effective way of testing wiring looms without puncturing insulation with needle probes, which can lead to damage of wiring or future problems with water ingress.

These Break out boxes are for all-makes applications and only dependent on connector type / pin allocation

Break Out Box Range for ECU Diagnostics - YDT175 Interface based

Part #		Description	Connector Info	Other Vehicle Info
YDT175		Common Rail break-out-INTERFACE / TERMINAL BOX Terminal box for use with YDT191, YDT235, YDT374 and YDT420 - details for each shown below.	ECU INTERFACE BOX FOR USE WITH BELOW BREAK OUT BOXES	SEE BELOW DETAIL
YDT191		Common Rail break-out-adapter - 112 pins Interface: YDT189 - Mask: YDT190 Kit designed to find electrical faults in system looms and electrical components (resistance, continuity, voltage, etc.)	112 pins on 3 connectors (2x32 pins and 48 pins) REPLACED BY STANDALONE BOBs: YDT735, YDT736, YDT737	Euro3: Renault/Nissan/Suzuki 1,5l K9K Citroën/Suzuki 1,4l DV4 16v Kia/Hyundai 2,9l Ford 1,8l & 2l « twin » Euro4: Renault/Nissan 1,5l K9K
YDT235		Common Rail break-out-adapter - 121 pins Interface: YDT236 - Mask: YDT237 Kit designed to find electrical faults in system looms and electrical components (resistance, continuity, voltage, etc.) 1 connector - 121 pins.	121 pins on 1 connector REPLACED BY STANDALONE BOB: YDT738	Euro3: Ford 1,8l « single » Ford/Jaguar 2l « single » Ssangyong 2,7l D27 Ssangyong 2l D20 Tata 3l JMC 2,8l Euro4: Jaguar 2l & 2,2l
YDT374		Common Rail break-out-adapter - 154 pins Interface: YDT375 - Mask: YDT376 (A&B) Kit designed to find electrical faults in system looms and electrical components (resistance, continuity, voltage, etc.)	2 connectors - 154 pins. REPLACED BY STANDALONE BOBs: YDT739, YDT740	Euro4: Mercedes 2,2l OM646 Kia/Hyundai 2,9l Yuchai 2,5 & 2,6l Ssangyong 2,7l D27 / 2l D20 Tata/Telco 1,4l & 2,2l Great-wall 2l Euro5: Mercedes/Chrysler 2,2l OM651 Kia/Hyundai 1,4l U2 & 2,5l A2 Chevrolet / Opel 2l Z20 / 2,2l Z22 Ssangyong 2l D20DTR / D20DTR Great-wall 2l Tier3 & Tier4: Doosan 1,8l - 2,4l & 3,4l Daedong 1,8l & 2,4l Euro6 Mercedes 2,2l OM651 Kia / Hyundai 1,1l U3
YDT420		Common Rail break-out-adapter - 128 pins Interface: YDT421 - Mask: YDT422 Kit designed to find electrical faults in system looms and electrical components (resistance, continuity, voltage, etc.) 3 connectors - 128 pins.	128 pins on 3 connectors (2x48 pins and 32 pins) REPLACED BY STANDALONE BOBs: YDT735, YDT737, YDT482 (YDT482 PART OF YDT 481 KIT)	Euro4: Peugeot/Citroen 2l-DW10B Euro5: Peugeot/Citroen 2l-DW10B Renault/Nissan/Dacia 1,5l K9K



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Break out Equipment

Electronic Diagnostics

Break Out Box Range for ECU Diagnostics - Standalone









Part #	Where used	Description	Connector Info	Other Vehicle Info
YDT481		Common Rail break-out-box kit - 154 pins Kit designed to find electrical faults in system looms and electrical components (resistance, continuity, voltage, etc.)	154 pins on 3 connectors (48 pins and 2x53 pins) 	Euro V: Peugeot 2l DW10C/D/E Citroen 2l DW10C/D/E Peugeot DW10C hybrid Citroen DW10C hybrid Ford 2l DW10C Fiat 2l DW10C
YDT482		Common Rail break-out-box - 48 pins Kit designed to find electrical faults in system looms and electrical components (resistance, continuity, voltage, etc.) 48 pins - Grey - Cinch.		
YDT483		Common Rail break-out-box - 53 pins Kit designed to find electrical faults in system looms and electrical components (resistance, continuity, voltage, etc.) 53 pins - Maroon - Cinch.		
YDT484		Common Rail break-out-box - 53 pins Kit designed to find electrical faults in system looms and electrical components (resistance, continuity, voltage, etc.) 53 pins - Black - Cinch.		
YDT556		Common Rail break-out-box kit - 154 pins Kit designed to find electrical faults in system looms and electrical components (resistance, continuity, voltage, etc.)	154 pins on 2 connectors (60 pins and 94 pins) 	Euro V: Volkswagen 1.2l R3 Seat 1.2l R3 Skoda 1.2l R3 Euro VI: Audi 1.4l / 1.6l / 2l Volkswagen 1.4l / 1.6l / 2l Seat 1.4l / 1.6l / 2l Skoda 1.4l / 1.6l / 2l
YDT554		Common Rail break-out-box - 60 pins Kit designed to find electrical faults in system looms and electrical components (resistance, continuity, voltage, etc.) 1 connector		
YDT555		Common Rail break-out-box - 94 pins Kit designed to find electrical faults in system looms and electrical components (resistance, continuity, voltage, etc.) 1 connector		
YDT591		Common Rail break-out-box - 190 pins Kit designed to find electrical faults in system looms and electrical components (resistance, continuity, voltage, etc.) DCM6.2 ECU for Common Rail System – Light-duty applications.	190 pins on 2 connectors (70 pins and 120 pins) 	Euro V+: Peugeot 2l DW10C hybrid Citroen 2l DW10C hybrid Euro VI: Peugeot 2l DW10F Citroen 2l DW10F Peugeot 2l DW10FU Citroen 2l DW10FU Fiat 2l DW10FU
YDT592		Common Rail break-out-box - 70 pins Kit designed to find electrical faults in system looms and electrical components (resistance, continuity, voltage, etc.) 70 pins - Black - Molex.		
YDT593		Common Rail break-out-box - 120 pins Kit designed to find electrical faults in system looms and electrical components (resistance, continuity, voltage, etc.) 120 pins - Black - Molex.		
YDT594		Common Rail break-out-box kit - 198 pins Kit designed to find electrical faults in system looms and electrical components (resistance, continuity, voltage, etc.)	198 pins on 2 connectors (95 pins and 103 pins) 	Euro VI: FORD 2l DW10F FORD 2l DW10F Premium
YDT595		Common Rail break-out-box - 95 pins Kit designed to find electrical faults in system looms and electrical components (resistance, continuity, voltage, etc.)		
YDT596		Common Rail break-out-box - 103 pins Kit designed to find electrical faults in system looms and electrical components (resistance, continuity, voltage, etc.)		
YDT713		Common Rail break-out-box Kit - 62 PINS UNIVERSAL Break out box to manage electrical checking on Tier3 & Tier4 DCU. These interfaces are used on all MD applications with DCM3.3 & 3.3+ 2 connectors	124 pins on 2 connectors (2 x 62 pins - 2 variants) 	Tier2 - Tier3: JCB - 7.2l Tier3 - Interim Tier4 - Tier4: JCB - 4.4l and 4.8l Euro IV - Euro V: TATA - 5l and 8l (This interface is also compatible with EUI applications)



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Break out Equipment

Electronic Diagnostics

Part #	Where used	Description	Connector Info	Other Vehicle Info
YDT735		Common Rail break-out-box - 32 pins Kit designed to find electrical faults in system looms and electrical components (resistance, continuity, voltage, etc.) 1 connector - Black CINCH		All-makes applications Used alongside YDT736 & YDT737 on DCU up to 112 pins Used alongside YDT737 & YDT482 on DCU up to 128 pins
YDT736		Common Rail break-out-box - 32 pins Kit designed to find electrical faults in system looms and electrical components (resistance, continuity, voltage, etc.) 1 connector - Grey CINCH		All-makes applications Used alongside YDT735 & YDT737 on DCU up to 112 pins
YDT737		Common Rail break-out-box - 48 pins Kit designed to find electrical faults in system looms and electrical components (resistance, continuity, voltage, etc.) 1 connector - Brown CINCH		All-makes applications Used alongside YDT735 & YDT736 on DCU up to 112 pins Used alongside YDT735 & YDT482 on DCU up to 128 pins Used alongside YDT741 for DCU DPCN 96pins
YDT738		Common Rail break-out-box - 121 pins Kit designed to find electrical faults in system looms and electrical components (resistance, continuity, voltage, etc.) 1 connector - TYCO		Euro3: Ford 1,8l « single» Ford/Jaguar 2l « single» Ssangyong 2,7l D27 / 2l D20 Tata 3l JMC 2,8l Euro4: Jaguar 2l & 2,2l
YDT739		Common Rail break-out-box - 96 pins Kit designed to find electrical faults in system looms and electrical components (resistance, continuity, voltage, etc.) 1 connector - KOSTAL		Euro4: Mercedes 2,2L OM646 Kia/Hyundai 2,9l Yuchai 2,5 & 2,6l Ssangyong 2,7l D27 / 2l D20 Tata/Telco 1,4l & 2,2l Great-wall 2l Euro5: Mercedes/Chrysler 2,2l OM651 Kia/Hyundai 1,4l U2 & 2,5l A2 Chevrolet / Opel 2l Z20, 2,2l Z22 Ssangyong 2l D20DTF / D20DTR Great-wall 2l
YDT740		Common Rail break-out-box - 58 pins Kit designed to find electrical faults in system looms and electrical components (resistance, continuity, voltage, etc.) 1 connector - KOSTAL		Tier3 & Tier4: Doosan 1,8l - 2,4l & 3,4l Daedong 1,8l & 2,4l Euro6 Mercedes 2,2l OM651 Kia / Hyundai 1,1l U3
YDT741		Common Rail break-out-box - 48 pins Kit designed to find electrical faults in system looms and electrical components (resistance, continuity, voltage, etc.) 1 connector Grey CINCH		Used alongside YDT737 for DCU DPCN 96pins All-akes applications
YDT742		Common Rail break-out-box - 81 pins Kit designed to find electrical faults in system looms and electrical components (resistance, continuity, voltage, etc.) DCM2.5 ECU for Common Rail System – Light-duty applications.	81 pins on 1 connector 	Euro IV & Euro V: LAIDONG 1.1l & 1.5l TATA 1l This interface is also compatible with UPCR applications UPCR - Mahindra, Ashok Leyland, COOPER (two types)

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NOTE: The composition (plastic material) of the connector guides and locking tabs, the components must never be forced

Information related to the Break out Box range can be found in Direct Evolution: <http://www.delphidirectevolution.com> - Technical Note references - DT463



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Break out Equipment

Electronic Diagnostics

Specifically designed to analyze the increasing number of sensors, actuators and electronic circuits, Delphi's 'mini-bob' break-out cables allow the testing of sensors whilst avoiding damage to vehicle components.

Delphi offers this equipment across a wide range of vehicle electronics systems and components, the x-reference of the Delphi Vehicle electronics part and the relevant Mini-Bob is now featured in the buyers guide section in the rear of our Vehicle Electronics Aftermarket parts catalogue.

Mini Break Out Box Equipment - Full Range

Refer to Buyers guide in Delphi VE Catalogue S223/10 or www.delphicat.com







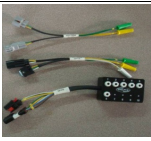


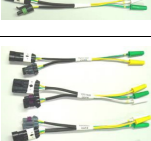
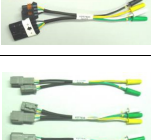
Part #	Where used	Description	Diesel System Applications	Other Vehicle Info
YDT246		Multifunctional mini break-out-box kit n°1 (mini-bob) 6 Cables Connector AMP; Sicma "2"; Sicma "1.5"; ReinsHagen	Delphi CR, EPIC & DPCN, Bosch CR, Siemens CR	Other Vehicle Electronic components: Coolant Temp Sensor, Ignition Coil, MAP Sensor, O2 Sensors, Cam Sensor, Crank Sensor, ABS Sensor, Fuel Injectors, MRA, Throttle Body, Purge Valve, For over 360 vehicle models across 30 vehicle manufacturers
YDT280		Multifunctional mini break-out-box kit n°2 (mini-bob) 4 cables AMP 3 pin connectors - SICMA 2, 4 & 6 pin connectors - CINCH 12 pin connectors.	Delphi CR, EPIC & DPCN, Bosch CR, Siemens CR	Other Vehicle Electronic components: MRA's & EGR Valves For over 50 vehicle models across 6 vehicle manufacturers
YDT330		Multifunctional mini break-out-box kit n°3 (mini-bob) 4 cables KOSTAL 2, 3 & 4 pin connectors - HIRSCHMAN 2 pin connectors.	DC OM646 / PSA DW10B Cable A: DFP3 fuel T° sensor Cable B:IMV/HPV; DFI1.6 injector; VDO & Bosch injectors Cable C:HPS Cable D: Other Sensors & actuators.	Other Vehicle Electronic components: ABS Sensor, Cam Sensor, Ext Air Temp Sensor, Crank Sensor, O2 Sensors, Coolant Temp Sensor, Ignition Coil For over 82 vehicle models across 8 vehicle manufacturers
YDT471		Injector mini bob injector n°1 (FCI connector) 1 cable Diagnosis loom for DELPHI injector with FCI connector (until DFI1.4).	All Delphi CR injectors prior to 2009 Renault, Ford, Kia, Hyundai, PSA, Mercedes & SsangYong.	
YDT479		Injector mini bob injector n°2 (DELPHI PACKARD connector) 1 cable Diagnosis loom for DELPHI injector with Delphi Packard connector (DFI1.5 & DFI3).	Delphi Solenoid & Pies CR injectors from 2009 onwards PSA, Mercedes, Kia, Hyundai.	
YDT521		Multifunctional mini break-out-box kit n°4 (mini-bob) 4 cables 4 Cables: DELPHI 2 pin connectors - BOSCH 2 pin connectors - FCI 5 pin connectors.	CR INJECTOR / COMMON RAIL HPV EGR VALVE / SENSORS PSA DW10 (308/407/C4/C5) Ford DW10C (Focus/Mondeo) Mercedes OM651 (C and E Class) JMGE & Yucca	Other Vehicle Electronic components: Coolant Temp Sensor, Crank Sensor, Knock Sensor, ABS Sensor For over 50 vehicle models across 7 vehicle manufacturers
YDT528		Multifunctional mini break-out-box kit n°5 (mini-bob) 4 cables YAZAKI 0,64mm - 2, 3, 4 and 6 pin connectors.	TURBOCHARGE VALVE, TEMP SENSOR, ENGINE MANAGEMENT CAM SENSOR FLOWMETER	Renault & Nissan K9K Euro 5 (Clio, Megane, Kangoo and Modus) Renault/Nissan/Suzuki & Dacia applications + filtration on water sensor.
YDT529		Multifunctional mini break-out-box kit n°6 (mini-bob) 4 cables HIRSCHMANN 3 and 4 pin connectors - BOSCH 3 and 6 pin connectors.	PSA DW10 (308/407/C4/C5), Ford DW10C (Focus/Mondeo), Mercedes OM651 (C and E Class), JMGE & Yuchai, Renault & Nissan K9K Euro 5	Other Vehicle Electronic components: O2 Sensors, Cam Sensor, Coolant Temp Sensor, Crank Sensor, Knock Sensor, ABS Sensor, EGR Valve For over 30 vehicle models across 8 vehicle manufacturers
YDT537		Multifunctional mini break-out-box kit n°7 (mini-bob) 3 cables AMP/TYCO 2 pin connectors - BOSCH 5 pin connectors - HIRSCHMANN 5 pin connectors.	FORD / HYUNDAI / SSANGYONG / GMDAT / DAIMLER TEMP SENSOR, SENSORS/ACTUATORS THROTTLES	Other Vehicle Electronic components: MAF Sensor For over 50 vehicle models across 11 vehicle manufacturers
YDT538		Multifunctional mini break-out-box kit n°8 (mini-bob) 3 cables AMP/TYCO 3 pin connectors - BOSCH 4 pin connectors - KOSTAL 5 pin connectors.	FORD / HYUNDAI / SSANGYONG / GMDAT / DAIMLER HP SENSOR ACTUATORS	Other Vehicle Electronic components: O2 Sensors, MAF Sensors For over 55 vehicle models across 11 vehicle manufacturers
YDT551		Multifunctional mini break-out-box kit n°10 (mini-bob) 3 cables DELPHI 2 pin connectors.	Other Vehicle Electronic components: Gasoline Fuel Injectors For 3 vehicle models across 3 vehicle manufacturers	



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Break out Equipment

Electronic Diagnostics


Part #		Where used	Description	Diesel System Applications	Other Vehicle Info
YDT552		INCLUDED IN YDT565 UPDATE KIT	Multifunctional mini break-out-box kit n°9 (mini-bob) 3 cables SUMITOMO / DENSO - 2 and 4 pin connectors.	CR INJECTORS	Other Vehicle Electronic components: Coolant Temp Sensor For 3 vehicle models across 1 vehicle manufacturer
YDT559		INCLUDED IN YDT565 UPDATE KIT	Multifunctional mini break-out-box kit n°11 (mini-bob) 4 cables FEP 2, 3, 4 and 5 pin connectors.		Other Vehicle Electronic components: ABS Sensor, MAF Sensor, Crank Sensor, Ignition Coil, O2 Sensors For 85 vehicle models across 7 vehicle manufacturers
YDT565			Mini bob Global Update Kit and Case To launch the extended range of Mini bob kits Delphi offer a Global update kit for those workshops who wish to take advantage of the combined kit price.	<p>The global kit includes YDT537/538/551/552/559 See individual detail</p> <p>OFFERS A SAVING OVER BUYING INDIVIDUAL MINI BOBs</p>	
YDT564		INCLUDED IN YDT712 UPDATE KIT	Multifunctional mini break-out-box kit n°12 (mini-bob) 4 cables AMP/TYCO and SUMITOMO Connectors	<p>FORD</p> <p>YDT564A: Vacuum electrical valve , T° sensor, YDT564B: Accelerate meter, fuel heater, petrol injector, YDT564C: exhaust temp, water T° sensor, YDT564D: DPF sensor, HP rail sensor,</p>	
YDT574		INCLUDED IN YDT712 UPDATE KIT	Multifunctional mini break-out-box kit n°13 (mini-bob) 4 cables SUMITOMO, TYCO and DELPHI connectors	<p>FORD</p> <p>YDT574A: CAM / CRANK sensor, YDT574B: Water temp sensor, Lambda sensor, YDT574C: AMF, EGR valve YDT574D: Diesel O2 sensor, EGR valve</p>	Other Vehicle Electronic components: For over 20 vehicle models across 8 vehicle manufacturers
YDT709		INCLUDED IN YDT712 UPDATE KIT	Multifunctional mini break-out-box kit n°14 (mini-bob) 4 cables EPC and YAZAKI connectors	<p>YDT709A: CR with elec. DPF fuel pump YDT709B: All variants of FMC (FORD) temperature sensor YDT709C: FMC (I/FORD) DFP pressure sensor & other sensors/actuators, YDT709D: DPF injector</p>	Other Vehicle Electronic components: ABS Sensors VOLVO C70, S60, S70, S80, V70, XC70
YDT710		INCLUDED IN YDT712 UPDATE KIT	Multifunctional mini break-out-box kit n°15 (mini-bob) 3 cables SUMITOMO and TYCO connectors	<p>MERCEDES, GREATWALL, JCB, SSANGYONG, FORD, GMDAT</p> <p>YDT710A: CR DENSO injector, YDT710B : 3 pin sensors (pressure, level) YDT710C: MAF ; EGR, Throttle</p>	
YDT731		INCLUDED IN YDT712 UPDATE KIT	Multifunctional mini break-out-box kit n°16 (mini-bob) 4 cables DEUTSCH connectors	<p>JCB / TATA / GAZ</p> <p>YDT731A: Electrical fuel supply pump, YDT731B: Water sensor on filter & low pressure circuit YDT731C: Interconnexion + throttle. YDT731D: Interconnexion + dedicated turbo charger on Tier4</p>	
YDT751			Multifunctional mini break-out-box kit n°17 (mini-bob) 4 cables "Delphi GT150 - Metripack series" connectors. (3 pins ; 4 pins & 5 pins - 2 pins already exist under YDT521C) "Junior timer 2.8" 4 pins are also used in VE range.	<p>JCB Tier3 & Tier4 range</p> <p>Light & Medium-Duty applications Diesel & petrol FIE + AC + EGR</p>	Other Vehicle Electronic components: I/AVC, Ignition Coil, EGR Valve O2 Sensors For over 95 vehicle models across 11 vehicle manufacturers
YDT752			Multifunctional mini break-out-box kit n°18 (mini-bob) 4 cables "Delphi GT150 - Metripack series - 3.5 center line" connectors. (3 pins modified/universal ; 4 pins modified/universal ; 8 pins in VE and also on JCB Tier4 actuator)	<p>Light & Medium-Duty applications Diesel & Petrol FIE + AC + EGR</p> <p>JCB Tier3 & Tier4 range</p>	Other Vehicle Electronic components: O2 Sensors, MAP Sensor, Crank Sensor For over 95 vehicle models across 11 vehicle manufacturers
YDT753			Multifunctional mini break-out-box kit n°19 (mini-bob) 4 cables "DEUTSCH DTM" connectors.	<p>CRANK sensor on new JCB 6 cylinder with DDS CR FIE.</p> <p>DOOSAN, BOBCAT, JCB Tier2 to Tier4</p>	



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Break out Equipment

Electronic Diagnostics

Part #	Where used	Description	Diesel System Applications	Other Vehicle Info
YDT712	See above individual Images	Kit of: YDT564 kit YDT574 kit YDT709 kit YDT710 kit YDT731 kit Mini break-out-box Global Update Kit (case not included)	See individual detail OFFERS A SAVING OVER BUYING INDIVIDUAL MINI BOBs	
YDT526		CASE ONLY Multifunctional mini break-out-box case Arrangement case for minibobs. Can contain approximately 40 minibobs. (Minibobs not included)	2-3 cases recommended for complete Mini BOB range	

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Information related to the Delphi Harness repair range can be found in Direct Evolution: <http://www.delphidirectevolution.com>
Technical Note references - DT446 and DT464

Mini break out boxes now feature with a cross-reference to the Delphi VE part in the latest vehicle electronics catalogue – S223/10.

Mini Bobs Range - Marketing Information Note: DM050



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Break out Equipment

Cross Reference

Delphi Mini Break Out Boxes cross reference to Delphi VE parts

Delphi VE Part #	Minibob Kit #	Minibob Cable #	Delphi VE Part #	Minibob Kit #	Minibob Cable #	Delphi VE Part #	Minibob Kit #	Minibob Cable #
25313846	YDT246	YDT246B	ES11061-12B1	YDT752	YDT752D	SS10050-11B1	YDT752	YDT752A
25317316	YDT246	YDT246B	ES20023-11B1	YDT752	YDT752D	SS10057-11B1	YDT246	YDT246B
AF10072-12B1	YDT538	YDT538D	ES20037-12B1	YDT574	YDT574B	SS10152-11B1	YDT246	YDT246A
AF10075-12B1	YDT280	YDT280C	ES20038-12B1	YDT574	YDT574B	SS10188-11B1	YDT246	YDT246B
AF10076-12B1	YDT280	YDT280C	ES20039-11B1	YDT574	YDT574B	SS10309-11B1	YDT521	YDT521C
AF10078-12B1	YDT538	YDT538D	ES20040-11B1	YDT574	YDT574B	SS10513-12B1	YDT521	YDT521B
AF10079-12B1	YDT559	YDT559D	ES20040-12B1	YDT574	YDT574B	SS10518-12B1	YDT529	YDT529C
AF10080-12B1	YDT537	YDT537C	ES20049-11B1	YDT574	YDT574B	SS10711-12B1	YDT529	YDT529C
AF10081-12B1	YDT559	YDT559D	ES20063-11B1	YDT574	YDT574B	SS10712-12B1	YDT246	YDT246A
AF10082-12B1	YDT537	YDT537C	ES20128-11B1	YDT574	YDT574B	SS10733-12B1	YDT246	YDT246A
AF10083-12B1	YDT559	YDT559D	ES20135-11B1	YDT752	YDT752D	SS10734-12B1	YDT246	YDT246A
AF10084-12B1	YDT538	YDT538D	ES20142-11B1	YDT574	YDT574B	SS10735-12B1	YDT246	YDT246A
AF10085-12B1	YDT537	YDT537C	ES20142-12B1	YDT574	YDT574B	SS10736-12B1	YDT246	YDT246A
AF10085-12B1	YDT537	YDT537C	ES20166-11B1	YDT559	YDT559C	SS10738-12B1	YDT246	YDT246A
AF10087-12B1	YDT538	YDT538D	ES20166-12B1	YDT559	YDT559C	SS10739-12B1	YDT246	YDT246D
AS10044-12B1	YDT521	YDT521B	ES20168-11B1	YDT559	YDT559C	SS10740-12B1	YDT246	YDT246D
AS10134-12B1	YDT521	YDT521C	ES20169-11B1	YDT559	YDT559C	SS10741-12B1	YDT246	YDT246D
AT10016-12B1	YDT529	YDT529D	ES20170-11B1	YDT574	YDT574B	SS10743-12B1	YDT246	YDT246D
AT10017-12B1	YDT559	YDT559C	ES20172-11B1	YDT574	YDT574B	SS10744-12B1	YDT246	YDT246D
AT10017-12B1	YDT559	YDT559D	ES20178-11B1	YDT559	YDT559C	SS10745-12B1	YDT246	YDT246D
AT10018-12B1	YDT559	YDT559C	ES20215-11B1	YDT574	YDT574B	SS10746-12B1	YDT246	YDT246D
AT10020-12B1	YDT246	YDT246A	ES20222-11B1	YDT559	YDT559C	SS10747-12B1	YDT246	YDT246B
AT10022-12B1	YDT246	YDT246A	ES20222-12B1	YDT559	YDT559C	SS10748-12B1	YDT246	YDT246B
AT10024-12B1	YDT246	YDT246A	ES20228-11B1	YDT574	YDT574B	SS10757-12B1	YDT752	YDT752A
CE10009-12B1	YDT246	YDT246A	ES20229-12B1	YDT246	YDT246B	SS10761-12B1	YDT330	YDT330C
CE10018-12B1	YDT751	YDT751C	ES20231-12B1	YDT752	YDT752D	SS10762-12B1	YDT330	YDT330C
CE10019-12B1	YDT246	YDT246A	ES20232-12B1	YDT246	YDT246B	SS10763-12B1	YDT330	YDT330C
CE10021-12B1	YDT246	YDT246A	ES20233-12B1	YDT246	YDT246B	SS10767-12B1	YDT330	YDT330C
CE10022-12B1	YDT246	YDT246A	ES20235-12B1	YDT574	YDT574B	SS10769-12B1	YDT330	YDT330C
CE10023-12B1	YDT246	YDT246A	ES20236-12B1	YDT752	YDT752D	SS10770-12B1	YDT330	YDT330C
CE10026-12B1	YDT751	YDT751C	ES20237-12B1	YDT246	YDT246B	SS10771-12B1	YDT330	YDT330C
CE10512-12B1	YDT330	YDT330B	ES20238-12B1	YDT752	YDT752D	SS10772-12B1	YDT330	YDT330C
AT10018-12B1	YDT559	YDT559D	ES20239-12B1	YDT574	YDT574B	SS10773-12B1	YDT330	YDT330C
CE20029-12B1	YDT559	YDT559D	ES20240-12B1	YDT246	YDT246B	SS10797	YDT246	YDT246A
CE20035-12B1	YDT246	YDT246A	ES20243-12B1	YDT574	YDT574B	SS10798	YDT246	YDT246A
CE20036-12B1	YDT246	YDT246A	ES20244-12B1	YDT246	YDT246B	SS10799	YDT246	YDT246A
CE20046-12B1	YDT246	YDT246A	ES20262-12B1	YDT752	YDT752D	SS10800	YDT529	YDT529C
CE20047-12B1	YDT246	YDT246A	ES20263-12B1	YDT752	YDT752D	SS10804	YDT246	YDT246A
CE20053-12B1	YDT246	YDT246A	ES20264-12B1	YDT752	YDT752D	SS10806	YDT246	YDT246A
CE20054-12B1	YDT246	YDT246A	ES20265-12B1	YDT752	YDT752D	SS10807	YDT246	YDT246A
CE20055-12B1	YDT246	YDT246A	ES20266-12B1	YDT751	YDT751C	SS10808	YDT246	YDT246A
CE20060-12B1	YDT751	YDT751C	ES20267-12B1	YDT752	YDT752D	SS10809	YDT529	YDT529C
CV10000-11B1	YDT751	YDT751A	ES20270-12B1	YDT559	YDT559C	SS10810	YDT246	YDT246A
CV10001-11B1	YDT751	YDT751A	ES20271-12B1	YDT559	YDT559C	SS10812	YDT330	YDT330C
CV10002-11B1	YDT751	YDT751A	ES20276-12B1	YDT752	YDT752D	SS10814	YDT246	YDT246A
CV10175-12B1	YDT751	YDT751A	ES20277-12B1	YDT752	YDT752D	SS10820	YDT529	YDT529C
CV10176-12B1	YDT751	YDT751A	ES20278-12B1	YDT559	YDT559C	SS10821	YDT246	YDT246A
CV10177-12B1	YDT751	YDT751A	ES20280-12B1	YDT751	YDT751B	SS10822	YDT246	YDT246A
CV10178-12B1	YDT751	YDT751A	ES20281-12B1	YDT538	YDT538C	SS10823	YDT529	YDT529C
CV10179-12B1	YDT751	YDT751A	ES20282-12B1	YDT538	YDT538C	SS10824	YDT521	YDT521B
CV10181-12B1	YDT751	YDT751A	ES20283-12B1	YDT538	YDT538C	SS10867	YDT752	YDT752A
CV10183-12B1	YDT751	YDT751A	ES20284-12B1	YDT538	YDT538C	SS10868	YDT752	YDT752A
CV10185-12B1	YDT751	YDT751A	ES20285-12B1	YDT559	YDT559C	SS10886	YDT246	YDT246A
CV10188-12B1	YDT751	YDT751A	ES20286-12B1	YDT559	YDT559C	SS10887	YDT246	YDT246A
CV10189-12B1	YDT751	YDT751A	ES20289-12B1	YDT559	YDT559C	SS10888	YDT246	YDT246A
CV10191-12B1	YDT751	YDT751A	ES20291-12B1	YDT538	YDT538C	SS10890	YDT246	YDT246B
CV10194-12B1	YDT751	YDT751A	ES20292-12B1	YDT538	YDT538C	SS10891	YDT559	YDT559B
CV10195-12B1	YDT751	YDT751A	ES20299-12B1	YDT752	YDT752D	SS10892	YDT246	YDT246B
CV10200-12B1	YDT751	YDT751A	ES20300-12B1	YDT752	YDT752D	SS10893	YDT246	YDT246A
CV10201-12B1	YDT751	YDT751A	ES20302-12B1	YDT752	YDT752D	SS10897	YDT246	YDT246A
CV10224-12B1	YDT751	YDT751A	ES20303-12B1	YDT559	YDT559C	SS10898	YDT246	YDT246A
DS10000-12B1	YDT751	YDT751C	ES20310-12B1	YDT751	YDT751B	SS10905	YDT330	YDT330B
EG10003-12B1	YDT751	YDT751D	ES20311-12B1	YDT751	YDT751B	SS20002	YDT330	YDT330B
EG10004-12B1	YDT751	YDT751D	ES20314-12B1	YDT538	YDT538C	SS20012	YDT246	YDT246B
EG10006-12B1	YDT751	YDT751D	ES20315-12B1	YDT538	YDT538C	SS20013	YDT246	YDT246B
EG10007-12B1	YDT751	YDT751D	ES20333-12B1	YDT574	YDT574B	SS20014	YDT246	YDT246B
EG10015-12B1	YDT751	YDT751D	ES20335-12B1	YDT752	YDT752D	SS20015	YDT246	YDT246B
EG10255-12B1	YDT751	YDT751D	ES20338-12B1	YDT559	YDT559C	SS20016	YDT559	YDT559B
EG10256-12B1	YDT751	YDT751D	ES20339-12B1	YDT538	YDT538C	SS20022	YDT246	YDT246B
EG10257-12B1	YDT529	YDT529D	ES20340-12B1	YDT559	YDT559C	SS20023	YDT246	YDT246B
EG10258-12B1	YDT529	YDT529D	ES20342-12B1	YDT559	YDT559C	SS20024	YDT246	YDT246E
EG10259-12B1	YDT529	YDT529D	ES20343-12B1	YDT559	YDT559C	SS20025	YDT246	YDT246E
EG10260-12B1	YDT529	YDT529D	ES20344-12B1	YDT752	YDT752D	SS20026	YDT246	YDT246B
EG10276-12B1	YDT246	YDT246B	ES20348-12B1	YDT559	YDT559C	SS20027	YDT246	YDT246B
EG10282-12B1	YDT246	YDT246B	FE10030-12B1	YDT246	YDT246B	SS20035	YDT330	YDT330B
EG10290-12B1	YDT529	YDT529D	FE10033-12B1	YDT280	YDT280C	SS20036	YDT330	YDT330B
EG10291-12B1	YDT751	YDT751D	FE10034-12B1	YDT280	YDT280C	SS20044	YDT246	YDT246B
EG10292-12B1	YDT529	YDT529D	FE10038-12B1	YDT280	YDT280C	SS20045	YDT246	YDT246E
EG10293-12B1	YDT529	YDT529D	FE10041-12B1	YDT280	YDT280C	SS20046	YDT246	YDT246E
EG10294-12B1	YDT529	YDT529D	FE10042-12B1	YDT280	YDT280C	SS20047	YDT246	YDT246B
EG10295-12B1	YDT529	YDT529D	FE10043-12B1	YDT280	YDT280C	SS20048	YDT246	YDT246B
EG10296-12B1	YDT529	YDT529D	FE10064-12B1	YDT280	YDT280C	SS20049	YDT246	YDT246B
EG10297-12B1	YDT529	YDT529D	FE10065-12B1	YDT280	YDT280C	SS20057	YDT246	YDT246E
EG10298-12B1	YDT529	YDT529D	FE10066-12B1	YDT280	YDT280C	SS20058	YDT246	YDT246B
EG10300-12B1	YDT537	YDT537D	FE10136-12B1	YDT280	YDT280C	SS20066	YDT246	YDT246E
EG10301-12B1	YDT529	YDT529D	FE10139-12B1	YDT246	YDT246B	SS20067	YDT246	YDT246B
EG10302-12B1	YDT529	YDT529D	FE10145-12B1	YDT280	YDT280C	SS20069	YDT330	YDT330B



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Break out Equipment

Cross Reference

Delphi Mini Break Out Boxes cross reference to Delphi VE parts

Delphi VE Part #	Minibob Kit #	Minibob Cable #	Delphi VE Part #	Minibob Kit #	Minibob Cable #	Delphi VE Part #	Minibob Kit #	Minibob Cable #
EG10303-12B1	YDT529	YDT529D	FE10162-12B1	YDT280	YDT280C	SS20070	YDT330	YDT330B
EG10309-12B1	YDT529	YDT529D	FE10163-12B1	YDT280	YDT280C	SS20082	YDT246	YDT246E
EG10310-12B1	YDT751	YDT751D	FE10164-12B1	YDT280	YDT280C	SS20096	YDT559	YDT559A
EG10323-12B1	YDT529	YDT529D	FE10168-12B1	YDT280	YDT280C	SS20110	YDT521	YDT521B
EG10335-12B1	YDT246	YDT246B	FE10169-12B1	YDT280	YDT280C	SS20115	YDT709	YDT709B
EG10339-12B1	YDT529	YDT529D	FE10170-12B1	YDT280	YDT280C	SS20116	YDT709	YDT709B
EG10372-12B1	YDT246	YDT246B	FE10171-12B1	YDT280	YDT280C	SS20117	YDT709	YDT709B
EG10395-12B1	YDT280	YDT280C	FE10172-12B1	YDT280	YDT280C	SS20118	YDT246	YDT246B
EG10396-12B1	YDT280	YDT280C	FE10174-12B1	YDT280	YDT280C	SS20119	YDT246	YDT246E
ES10240-12B1	YDT246	YDT246B	FE10175-12B1	YDT280	YDT280C	SS20120	YDT246	YDT246E
ES10242-11B1	YDT246	YDT246B	FE10176-12B1	YDT280	YDT280C	SS20121	YDT246	YDT246E
ES10242-12B1	YDT246	YDT246B	FE10179-12B1	YDT280	YDT280C	SS20125	YDT559	YDT559A
ES10262-11B1	YDT246	YDT246A	FE10180-12B1	YDT280	YDT280C	SS20127	YDT246	YDT246B
ES10262-12B1	YDT246	YDT246A	FE10181-12B1	YDT280	YDT280C	SS20135	YDT246	YDT246E
ES10289-11B1	YDT246	YDT246B	FE20030-12B1	YDT564	YDT564A	TS10019-11B1	YDT521	YDT521C
ES10289-12B1	YDT246	YDT246B	FE20031-12B1	YDT574	YDT574B	TS10074-11B1	YDT521	YDT521C
ES10534-12B1	YDT538	YDT538C	FE20040-12B1	YDT564	YDT564A	TS10075-11B1	YDT521	YDT521C
ES10535-12B1	YDT538	YDT538C	FG20003-12B1	YDT574	YDT574B	TS10076-11B1	YDT521	YDT521C
ES10536-12B1	YDT538	YDT538C	CE20029-12B1	YDT559	YDT559C	TS10077-11B1	YDT521	YDT521C
ES10537-12B1	YDT538	YDT538C	FG20006-12B1	YDT538	YDT538B	TS10078-11B1	YDT521	YDT521C
ES10538-12B1	YDT538	YDT538C	FG20006-12B1	YDT574	YDT574B	TS10149-11B1	YDT552	YDT552A
ES10789-12B1	YDT538	YDT538C	FG20007-12B1	YDT538	YDT538B	TS10175-11B1	YDT552	YDT552A
ES10790-12B1	YDT538	YDT538C	FJ10035-11B1	YDT246	YDT246B	TS10218-12B1	YDT246	YDT246E
ES10791-12B1	YDT538	YDT538C	FJ10458-11B1	YDT246	YDT246B	TS10219-12B1	YDT246	YDT246B
ES10792-12B1	YDT538	YDT538C	FJ10596-12B1	YDT551	YDT551B	TS10220-12B1	YDT246	YDT246B
ES10793-12B1	YDT751	YDT751C	FJ10597-12B1	YDT551	YDT551B	TS10221-12B1	YDT246	YDT246B
ES10798-12B1	YDT538	YDT538C	FJ10599-12B1	YDT551	YDT551B	TS10227-12B1	YDT246	YDT246B
ES10817-12B1	YDT538	YDT538C	FJ10603-11B1	YDT246	YDT246B	TS10229-12B1	YDT246	YDT246B
ES10880-11B1	YDT574	YDT574B	FJ10624-11B1	YDT246	YDT246B	TS10230-12B1	YDT246	YDT246B
ES10921-11B1	YDT529	YDT529D	FJ10721-12B1	YDT246	YDT246B	TS10232-12B1	YDT246	YDT246B
ES10921-12B1	YDT529	YDT529D	FJ10722-12B1	YDT246	YDT246B	TS10235-12B1	YDT246	YDT246D
ES10957-11B1	YDT246	YDT246B	FJ10723-12B1	YDT246	YDT246B	TS10237-12B1	YDT521	YDT521B
ES10957-12B1	YDT246	YDT246B	FJ10724-12B1	YDT246	YDT246B	TS10239-12B1	YDT246	YDT246B
ES10971-12B1	YDT752	YDT752B	FJ10725-12B1	YDT246	YDT246B	TS10241-12B1	YDT246	YDT246B
ES10978-12B1	YDT330	YDT330D	FJ10726-12B1	YDT246	YDT246B	TS10242-12B1	YDT246	YDT246B
ES10981-12B1	YDT330	YDT330D	FJ10727-12B1	YDT246	YDT246B	TS10244-12B1	YDT246	YDT246B
ES10982-12B1	YDT538	YDT538C	FJ10728-12B1	YDT246	YDT246B	TS10249-12B1	YDT246	YDT246B
ES10984-12B1	YDT330	YDT330D	FJ10730-12B1	YDT246	YDT246B	TS10250	YDT246	YDT246B
ES10988-12B1	YDT752	YDT752B	GN10199-12B1	YDT751	YDT751C	TS10251	YDT246	YDT246B
ES10994-12B1	YDT246	YDT246B	GN10211-12B1	YDT246	YDT246A	TS10252	YDT246	YDT246E
ES11000-12B1	YDT246	YDT246B	GN10212-12B1	YDT751	YDT751C	TS10253	YDT521	YDT521B
ES11013-12B1	YDT529	YDT529D	GN10232-12B1	YDT559	YDT559C	TS10254	YDT521	YDT521C
ES11014-12B1	YDT529	YDT529D	GN10235-12B1	YDT559	YDT559C	TS10255	YDT246	YDT246B
ES11015-12B1	YDT529	YDT529D	PS10002-11B1	YDT752	YDT752C	TS10262	YDT552	YDT552A
ES11022-12B1	YDT529	YDT529D	PS10094-12B1	YDT246	YDT246A	TS10265	YDT330	YDT330B
ES11026-12B1	YDT529	YDT529D	PS10096-12B1	YDT246	YDT246A	TS10266	YDT330	YDT330B
ES11028-12B1	YDT529	YDT529D	PS10105-12B1	YDT246	YDT246A	TS10268	YDT246	YDT246B
ES11036-12B1	YDT751	YDT751C	SL10068-12B1	YDT246	YDT246B	TS10270	YDT246	YDT246B
ES11041-12B1	YDT246	YDT246B	SL10069-12B1	YDT246	YDT246B	TS10277	YDT246	YDT246E
ES11049-12B1	YDT752	YDT752D	SL10174-12B1	YDT246	YDT246B	TS10278	YDT330	YDT330B
ES11050-12B1	YDT752	YDT752D	SS10003-11B1	YDT752	YDT752A	TS10281	YDT246	YDT246B
ES11052-12B1	YDT752	YDT752D	SS10004-11B1	YDT752	YDT752C	TS10282	YDT246	YDT246B
ES11053-12B1	YDT752	YDT752D	SS10005-11B1	YDT752	YDT752C	TS10454	YDT751	YDT751D
ES11055-12B1	YDT752	YDT752D	SS10025-11B1	YDT752	YDT752A	FG20007-12B1	YDT574	YDT574B
ES11056-12B1	YDT752	YDT752D	SS10044-11B1	YDT528	YDT528A			



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Electronic Injector Test Kit and Injector Cleaning Kit

Electronic Diagnostics

Delphi's award winning Electronic Injector Test Kit provides technicians a quick, easy way to diagnose the electrical part of a Common Rail solenoid injector.

Coupled with the Injector Solvent Cleaner, which cleans the internal components of the valve without removing the injector, these two items help deliver a quick diagnostics solution and helps resolve a specific issue of early stage lacquering.

Both solutions below can be used on or off vehicle.

Electronic Injector Test Kit (Patent Pending) and Injector Solvent Cleaner

Part #	Description	Information
YDT720	 <p>Electronic Injector Test Kit "Buzz Tool"</p> <p>This first of a kind "patent pending" All-Makes tool is a handheld device that is quick and "easy to use" (simple menu, simple buttons etc.) with fast connection to the CR injector whilst on or off the vehicle,</p> <p>This tool is designed to complement Delphi's hydraulic diagnostic equipment, YDT278 / 850 Sealed Rail package and YDT410 False Actuator Kit and other Electronic Diagnostic equipment such as the DS150E to carry out a comprehensive diagnosis of the CR system, on vehicle.</p> <p>Individual CR injector connector cables are available as spares.</p>	<p>With the "Buzz Tool"</p> <ul style="list-style-type: none"> The technician can easily perform a quick, accurate diagnosis of the electrical part of a common rail solenoid injector, on-vehicle or off-vehicle. Measure coil resistance. Injector coils have very low resistance, not all can be measured with a standard Digital Multimeter. Measure inductance of the coil. Measuring coil resistance alone is not enough to determine coil health. Measuring the inductance supplies additional required information, again, this cannot be done with a standard Digital Multimeter Delphi systems have a "buzz test" integrated in their ECU, to quickly check that the driving circuit is functional. But if the "buzz test" fails, checking that the injector is faulty can only be done by further elimination after several other tests. Bosch, Siemens, Denso systems generally do not have a drive routine integrated in the ECU software, therefore the function is impossible without the Delphi Buzz tool, which gives the ability to drive the coil of All-Makes CR injectors, independently of any integrated ECU routine. <p>Kit Contents</p> <ul style="list-style-type: none"> Carry case and user manual "Buzz Tool" handheld device Croc' clip insulation lead (green) Croc' clip supply lead (red/black) A set of 8 injector adaptors that covers the whole range of known Common Rail solenoid injectors (Delphi and All-makes) 4mm adaptor for use with Mini BOBs
YDT714	 <p>Injector Cleaning Kit</p> <p>This CR injector Solvent Cleaning Kit, along with the appropriate cleaning solvent 9001-908, manages a specific issue of early stage lacquering now seen in the market. This issue is prevalent in some regions more than others. The cleaning operation can be used on the CR injector whilst installed on-vehicle, there is no need to remove.</p> <p>The kit must be used alongside the NEW Delphi "Buzz Tool" YDT720.</p> <p>This kit supports "solvent cleaner" pressurization and adaptors linked to each variant of Delphi & All-makes HP injector inlets (M12 or M14).</p>	<p>Delphi's YDT714 Solvent Cleaner kit is suitable for all-makes CR injectors. Instances of lacquering are known to impact all CR Injector types.</p> <ul style="list-style-type: none"> Delphi CR systems – Solenoid injector DF11.x (Not compatible with Delphi DF13) "All Makes" Solution – Solenoid injector only (Not compatible with APZ injectors. Delphi / Denso Direct Piezo –Bosch / Continental Indirect Piezo, Due to it being possible to drive the Piezo Stack without any significant pressure which would damage the injector and also the method of driving a Piezo injector is different to solenoid injectors). <p>Kit Contents</p> <ul style="list-style-type: none"> 1 x Delphi push-syringe tool 2 x adaptors to guide the syringe piston. <ul style="list-style-type: none"> 4 x M14 adaptors 4 x M12 adaptors <p>Adaptors are consumable items available in packs of 4 and recommend they are used no more than 10 times to respect system cleanliness.</p> <ul style="list-style-type: none"> 1 x Luer lock adaptor to connect the syringe to M12/M14 adaptors <ul style="list-style-type: none"> 1 x safety goggles 4 x safety disposable gloves 2 x stickers to manage the use and safety messages
9001-908		<p>Cleaning Solvent</p> <p>Supplied in 1 box of 10 individually blister packed 50ml syringes.</p> <p>This solvent doesn't present any significant risks; it is biodegradable, phosphate-free, bactericidal, non-flammable and water miscible, however, to manage user safety, goggles and gloves are included.</p> <p>Depending on engine configuration and injector types, one or two syringes are required per cleaning operation of a set of vehicle injectors (3 to 6 cylinders).</p>

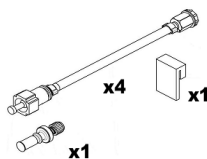


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Electronic Injector Test Kit and Injector Cleaning Kit

Electronic Diagnostics

YDT720 Spares & Consumables

Part #	Description	Information
YDT733	M14 Adapter (Pack of 4)	 <p>Each Kit contains the following:</p> <ul style="list-style-type: none"> • 4 x Adapters (M12 or M14) • 1 x Luer lock adapter – for secure connection to syringe • 1 x plastic adapter to guide / push syringe piston • 1 x leaflet to advise of safety precautions
YDT734	M12 Adapter (Pack of 4)	
YDT723	YDT720 CR injector Adapter Lead - FCI	<p>Spare / Replacement CR injector connector leads for the YDT720 Kit</p>
YDT724	YDT720 CR injector Adapter Lead - DCS	
YDT725	YDT720 CR injector Adapter Lead - SLK	
YDT726	YDT720 CR injector Adapter Lead - ACS	
YDT727	YDT720 CR injector Adapter Lead - MT 2 POLE	
YDT728	YDT720 CR injector Adapter Lead - TS	
YDT729	YDT720 CR injector Adapter Lead - MT 4 POLE	
YDT730	YDT720 CR injector Adapter Lead - 4mm Adapter for use with Mini Breakout boxes	

[Learn More >](#)

Electronic Injector Test Kit - Marketing Information Note: DM0985
The user manual can be found in Direct Evolution:
<http://www.delphidirectevolution.com> - DDNX405

Solvent Cleaning Kit - Marketing Information Note: DM0986
Information related to the Injector Cleaning Process can be found in Direct Evolution:
<http://www.delphidirectevolution.com> - Technical Note reference - DT511



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Hydraulic Diagnostics







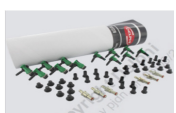
Diesel Common Rail Systems

Delphi's Sealed Rail Kit provides unrivalled all-makes mechanical diagnostics across the full range of light-duty Common Rail vehicles. Coupled with Delphi's False Actuator kit, it allows the user the ability to carry out on-vehicle diagnostics on the two major components of the Common Rail system; the pump and the injector.

Delphi has been the market leader in this area for many years. Our Original Sealed Rail Diagnostic Kit was launched in 2003 and along with the launch of additional kits (False Actuator Kit, Backleak Kit etc.) and accessories has continued to be the most desired Common Rail Diesel all-makes hydraulic diagnostics package available.

As the Common Rail vehicle parc continues to grow rapidly with new vehicles being launched on a regular basis, Delphi pursues a programme of continuous development on its diagnostic equipment range to ensure we can provide customers with the tools to service this ever-growing market.

Hydraulic Diagnostic equipment for working on All-Makes Diesel Common Rail Systems







Part #	Where used	Description	Information
YDT850		<p>The Sealed Rail Diagnostic Package (replaces YDT278) Provides simple, low-cost diagnostic capability for pumps and injectors on Common Rail Systems made by all major manufacturers.</p> <p>Setting the benchmark for hydro-mechanical diagnostics, the Delphi Sealed Rail Kit provides simple, low-cost, on-vehicle test capability for all makes of Common Rail pumps and injectors.</p> <p>The kit consists of an electronic pressure-tester and injector back-leakage measurement equipment, giving you the capability to isolate and check the actual Common Rail pump pressure, as well as identify individual faulty injectors. This means that only faulty components will need to be replaced.</p> <p>Don't confuse the Delphi Sealed Rail Kit with a set of back-leak bottles. Simple back-leak bottle sets only allow you to compare fuel return quantity between the injector; they cannot identify rail pressure or CR pump issues.</p> <p>See Backleak Page for more information and individual backleaks</p>	<p>Features & Benefits</p> <ul style="list-style-type: none"> Identifies faulty component (pump, injector) within CR system On-vehicle testing - prevents need for complete system removal and refit <ul style="list-style-type: none"> Measures pressure generated by CR pump Reduces cost and inconvenience for end customer Measures back-leakage for each individual injector Compatible with Delphi, Bosch, Denso & Continental systems Contains adapters needed for testing of all-makes applications <ul style="list-style-type: none"> Update kits available for latest vehicle applications <p>Contents:</p> <p>YDT860 - 2013 Updated Sealed Rail Kit (Component Kit – not offered on its own)</p> <p>YDT586 - Updated Complete Backleak Kit (individual Backleak adaptors are not included in YDT860)</p> <p>YDT377 - 500ml Backleak Bottle, to facilitate global backleak collection and low pressure diagnostics</p>
YDT410		<p>Used alongside the YDT278 / YDT850</p> <p>False Actuator Kit The False Actuator Kit gives the capability to isolate actuator faults and mechanical faults on Common Rail pumps made by all major manufacturers.</p>	<p>Features & Benefits</p> <ul style="list-style-type: none"> Identifies internal faults within CR pumps On-vehicle testing - prevents need for complete system removal and refit <ul style="list-style-type: none"> Covers CR pumps made by all major manufacturers Test data provided for every system covered by the kit Works in conjunction with the Delphi Sealed Rail Diagnostic Kit <ul style="list-style-type: none"> Low-cost investment to obtain increased level of diagnostics <ul style="list-style-type: none"> Reduces cost and inconvenience for end customer
YDT747		<p>Additional False Actuator for YDT410</p> <p>Bosch CP4 False Actuator New to Range - required to order separately to YDT410 kit Associated O-Ring 9001-856</p>	
YDT732	HYDRAULIC DIAGNOSTIC PACKAGE	<p>Kit of YDT850 + YDT410 + YDT747 Purchasing these items under the YDT732 package presents a total RRP saving of 10%</p>	<p>Also includes YDT200 Free of Charge Whilst stocks last See Remove and Refit Tooling section</p>
YDT700		<p>Used alongside the YDT278 / YDT850</p> <p>Heavy Duty Upgrade Kit for YDT278 / YDT850 New to Range - Delivers an additional "sealed rail" and accessories to easily manage diagnostics on larger CR systems with multiple rail configuration</p>	
YDT468		<p>UPDATE KITS FOR YDT278 Included in YDT850 Package</p>	<p>YDT411 - M14xM14 high-pressure pipe for Delphi SsangYong & Bosch CR truck YDT418 - HPV 6mm backleak adaptor for Delphi Daimler Chrysler & JCB YDT461 (x6) - Back leak adaptor for Bosch DW12 CR applications Inc. PSA & Daimler Chrysler YDT462 (x6) - Back leak adaptor for Denso CR applications Inc. PSA, Ford & Land Rover - DDBX193 - Update sticker for case also included</p>
YDT527		<p>UPDATE KITS FOR YDT278 Included in YDT850 Package</p> <p>Sealed Rail Update Kits The Sealed Rail update kits provides current YDT278 Sealed Rail users with increased mechanical diagnostic capability across a wider range of Common Rail systems, ensuring the user has up to date All-Makes coverage.</p> <p>Included in latest YDT850 Kit.</p> <p>See below for many other New to range items that will be of use.</p>	<p>YDT477 - Denso backleak connector (screwed) YDT478 - Delphi backleak connector (DFI1.5) YDT514 - Hydraulic fittings kit - SISU/PERKIN</p>
YDT584		<p>UPDATE KITS FOR YDT278 Included in YDT850 Package</p>	<p>YDT561 - Continental back-leak fitted on DV4C/DV6C on PSA & FMC. YDT562 - Bosch elbow back-leak fitted on DV6D. YDT563 - Bosch straight back-leak compatible on Euro4 & Euro5 applications.</p>









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Hydraulic Diagnostics

Diesel Common Rail Systems

Part #		Where used	Description	Information	
YDT465		works alongside YDT278 or YDT850 and YDT410	"HP T" HYDRAULIC DIAGNOSIS KIT In order to meet the requirements of the new EURO IV applications Delphi have launched a new type of HP pump - DFP3 which needs an updated hydraulic diagnosis kit to back up the existing YDT278 and YDT410 kits. The aim is still clearly to identify any faulty element in the injection system to avoid any unnecessary parts removal or dismantling. Electronic Diagnostic Capability / function required to activate the CR Pump Test routine via the vehicle ECU	DFP3 pumps have greater flow and pressure capacities than DFP1 pumps. Furthermore, each pumping element (2 or 3 depending on application) has its own outlet valve. Because of this, it is not possible to identify a failing pump with 100% accuracy during the sealed rail start test. The one single pressure reading is not enough to indicate an loss of pressure under high load demand at high speed. T-HP is compatible with: DFP3 Euro4 with/without HPV / DFP3 Euro5 without HPV. DFP4 Tier3 & Tier4 without HPV. DFP6 Euro6 without HPV.	
YDT377		YDT465 YDT473 YDT850	500ml Backleak bottle with Quick-fit connector A bottle to collect return flow and main flow on vehicle or test benches. Can be used to detect pollution before tests on benches, to avoid contamination. Included in YDT850 / available as an update for YDT278	All-makes, multi applications	
YDT745		YDT850	10bar pressurized valve Used to manage hydraulic diagnostic on all Bosch indirect Piezo injectors. It can also be used on test benches such as Hartridge IFT70, AVM2PC & CRIPC New to Range - Included in YDT850 / available as an update for YDT278	Bosch indirect Piezo Injectors	
YDT748		YDT850	HP Straight Connection pipe M14xM16 Allows to connect sealed rail YDT272 with a M16 HP pump outlet. For Bosch CP4 CR pumps New to Range - Included in YDT850 / available as an update for YDT278	Bosch CP4 Common Rail Pumps	
YDT749		YDT850	HP Elbow Connection pipe M14xM16 Allows to connect sealed rail YDT272 with a M16 HP pump outlet. For Bosch CP4 CR pumps New to Range - Included in YDT850 / available as an update for YDT278		
YDT774			HP Blanking Nut Set HP Nut for hydraulic diagnostics for All-Makes LD/MD/HD applications. It is additional equipment to facilitate All-Makes hydraulic diagnostics with Delphi's H3Pi device (sealed rail). The objective of the HP blanking nuts is to not supply HP flow to an injector to evaluate the difference with/without it included in the system.	1 set of YDT774 includes 1 HP Blanking Nuts of the following sizes: M12, M14 and M20	3 variants of HP blanking nuts to specifically introduced to range to manage hydraulic diagnostic for TATA & WEICHAU engines (HD) and All-Makes (LD/MD/HD)
6407-630			CR Injector stand for storage or diagnostic / repair activity This is a very useful accessory for the garage environment to store and manage CR injectors during the repair/diagnostic processes. The stand comes directly from the Delphi OE Common Rail Factory in Blois, France.	Suitable to hold up to 28 CR injectors Suitable for Delphi CR injectors with 17mm or 19mm body's Also 100% suitable for All-makes CR injectors in the market Dimensions: 340mm x 240mm x 90mm The stand is also compatible with axial and radial HP inlets Supplied in Poly Bag for protection and with Delphi Part number label	

Spares / Components for Hydraulic Diagnostic Kits

Part #		Where used	Description	Information
YDT267		YDT487 YDT410	Dummy IMV This is designed for hydraulics tests when the ECU does not allow to launch test routines with IMV not connected.	
YDT269		YDT278	Short Connection Pipe M12 x M14 This allows you to connect sealed rail YDT272 with a M12 pump outlet.	
YDT270		YDT278 YDT487	Long connection pipe M12xM14 This allows you to connect sealed rail YDT272 with a M12 pump outlet.	
YDT271		YDT278 YDT487	Connection pipe M14xM14 Allows to connect sealed rail YDT272 with a M14 pump outlet.	
YDT272		YDT278 YDT850 YDT700	Sealed rail - Spare part Tool used to measure HP pump pressure on Common Rail systems.	
YDT277		YDT278 YDT465	H3PI Protection Caps Caps kit to plug several hydraulic connectors in order to stop particle intrusion and dirt ingress on Common Rail systems.	



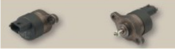





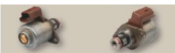



















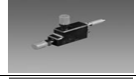


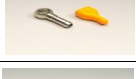








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Hydraulic Diagnostics

Diesel Common Rail Systems

Spares / Components for Hydraulic Diagnostic Kits (cont.)

Part #	Where used	Description	Information
YDT401		Component of YDT410 BOSCH CP1 dummy actuator Dummy actuator for BOSCH CP1 pump actuator diagnosis. O-ring 9001-801 - Ring 9001-829.	 9001.801 9001.829 Bosch CP1 
YDT402		Component of YDT410 BOSCH CP3 dummy actuator Dummy actuator for BOSCH CP3 pump actuator diagnosis. O-ring 9001-821.	 9001.821 Bosch CP3 
YDT403		Component of YDT410 DELPHI dummy actuator Dummy actuator for DELPHI pump actuator diagnosis. O-ring 9001-822.	 9001.822 Delphi DFP1 / DFP3 
YDT404		Component of YDT410 DENSO HP3 dummy actuator Dummy actuator for DENSO HP3 pump actuator diagnosis. O-ring 9001-823.	 9001.823 Denso HP3 
YDT405		Component of YDT410 DENSO HP1 / HP2 dummy actuator Dummy actuator for DENSO HP1/2 pump actuator diagnosis. O-ring 9001-824.	 9001.824 Denso HP1 / HP2 
YDT406		Component of YDT410 SIEMENS BP DCP2 dummy actuator Dummy actuator for SIEMENS DCP2 pump low pressure actuator diagnosis. O-ring 9001-825.	 9001.825 Siemens DCP2 
YDT407		Component of YDT410 SIEMENS BP DCP1 dummy actuator Dummy actuator for SIEMENS DCP1 pump low pressure actuator diagnosis. O-ring 9001-826.	 9001.826 Siemens DCP1 
YDT408		Component of YDT410 SIEMENS HP DCP1 / DCP2 dummy actuator Dummy actuator for SIEMENS DCP1/DCP2 pump high pressure actuator diagnosis. Use YDT408B tool to tighten the actuator. O-ring 9001-827 - HP O-ring 9001-828.	 9001.827 9001.828 Siemens DCP1 / DCP2 
YDT747		Additional False Actuator for YDT410 Bosch CP4 False Actuator New to Range - required to order separately to above kit Associated O-Ring 9001-856	Bosch CP4 
9109-920		Component of YDT410 Actuator Protection Cap Kit As used on the false actuators above and designed to be placed on the pump actuator when removed from the vehicle during diagnosis	Complete Cap kit to cover above Actuators YDT401 to YDT408
YDT411		YDT468 HP Short connection pipe M14xM14 Connection pipe (female/female - M14 thread) to connect sealed rail YDT272 to HP pump outlet.	
YDT466		YDT465 Hydraulic T Hydraulic T to fit between HP pump and rail to collect excess fuel.	
YDT467		YDT465 High pressure flexible hose HP flexible hose to connect the hydraulic T to the system on vehicle.	
YDT472		YDT465 Hydraulic fitting (male/male - M14) Hydraulic fitting (male/male - M14) to connect the hydraulic T to the system on vehicle.	
YDT413		10mm banjo Fitting banjo Ø10mm to collect injector backleak flow.	
YDT414		Set of 8mm banjo Fitting banjo Ø8mm to collect injector backleak flow.	
YDT415		Set M12 & M14 adaptors M12 or M14 thread flexible fitting to collect injector backleak flow.	
YDT417		Quick-fit connector adaptor (male/male - Ø8) Quick-fit adaptor (male/male - Ø8mm) to connect YDT377 bottle to female Quick-fit outlet.	






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Hydraulic Diagnostics

Diesel Common Rail Systems

Spares / Components for Hydraulic Diagnostic Kits (cont.)

Part #		Where used	Description	Information
YDT418		YDT468	Quick-fit Male connector Quick-fit adaptor (male - Ø6mm) to connect YDT377 bottle to Ø6mm nipple.	
YDT423		YDT487	Straight connection pipe M12/M14 Straight connection pipe (female/female - M12 thread) to connect sealed rail YDT272 to HP pump outlet.	
YDT575		YDT278 YDT850 YDT700	H3PI Pressure Display - double way , suitable for use with two sealed rails to monitor pressure from systems with two rails (Replaces earlier generations YDT268 and YDT425)	

[Learn More >](#)

Common Rail Hydraulic Diagnostics - Marketing Information Note: DM1110
Sealed Rail user manual can be found in Direct Evolution <http://www.delphidirectevolution.com> - DDNX208



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Common Rail Backleaks

Hydraulic Diagnostics & Repair

Backleaks Connectors (All-makes)

Delphi offers a global range of new and existing back-leak connectors in one kit, YDT586, for use during diagnosis on test benches and with the Sealed Railed Hydraulic Diagnostic Kit.

The range covers over 80% of the existing all makes market for Euro 3 to 5 applications.

Part #	Description	Information
YDT586	<p>Common Rail Backleak Kit</p> <p>The YDT586 kit includes:</p> <ul style="list-style-type: none"> • Eleven all makes back leak connectors/adapters • Three types of protection plugs • Replacement O- Rings • Black storage case • Double sides plastic coated instruction leaflet 	<p>Replenishment packs of all fittings are available see below for full details by part number</p> <p>Applications:</p> <ul style="list-style-type: none"> • Delphi/Bosch/Denso and Continental Common Rail solenoid injectors • On Euro 5 and 6 applications, certain connectors between the injectors and the HP pump are the same for the venturi vacuum measurement (Delphi DFP3 & DFP6). <p>For use with:</p> <ul style="list-style-type: none"> • Test Benches: Such as Hartridge AVM-PC, CR-PPC, CRI-PC, IFT200 and IFT70 • Hydraulic Diagnostic equipment: such as the Delphi Sealed Rail Kit

Delphi Backleak Kit Contents

YDT586 KIT CONTENTS:

	Part #	Image	Qty per YDT586 Kit	Delphi	Bosch	Denso	Continental
A	9001-870		10	•	•	•	•
B	9001-871		10	•	•	•	•
C	9001-872		10	•	•	•	•
D	YDT275		4	•			
E	YDT276		4		•		•
F	YDT461		4		•		
G	YDT462		4			•	
H	YDT477		7			•	
J	YDT478		4	•			
K	YDT531		4	•			
L	YDT561		4				•
M	YDT562		4		•		
N	YDT563		4		•		•
O	9001-888		10	O-rings for use with Backleak connectors type - E, J, K, N, M, P			
P	YDT711		6	•			

<p>A</p> <p>(x 10)</p> <p>9001-870</p>	<p>B</p> <p>(x 10)</p> <p>9001-871</p>	<p>C</p> <p>(x 10)</p> <p>9001-872</p>
<p>D</p> <p>(x 4)</p> <p>YDT275</p>	<p>E</p> <p>(x 4)</p> <p>YDT276</p>	<p>F</p> <p>(x 4)</p> <p>YDT461</p>
<p>G</p> <p>(x 4)</p> <p>YDT462</p>	<p>H</p> <p>(x 4)</p> <p>YDT477</p>	<p>J</p> <p>(x 4)</p> <p>YDT478</p>
<p>K</p> <p>(x 4)</p> <p>YDT531</p>	<p>L</p> <p>(x 4)</p> <p>YDT561</p>	<p>M</p> <p>(x 4)</p> <p>YDT562</p>
<p>N</p> <p>(x 4)</p> <p>YDT563</p>	<p>O</p> <p>(x 10)</p> <p>9001-888</p>	<p>P</p> <p>(x 4)</p> <p>YDT711</p>



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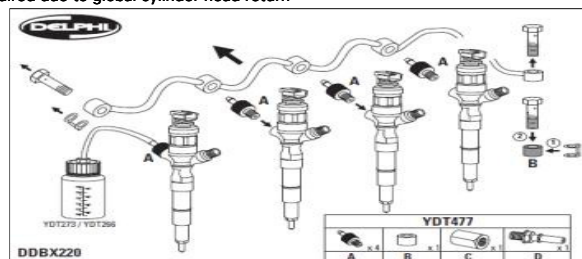
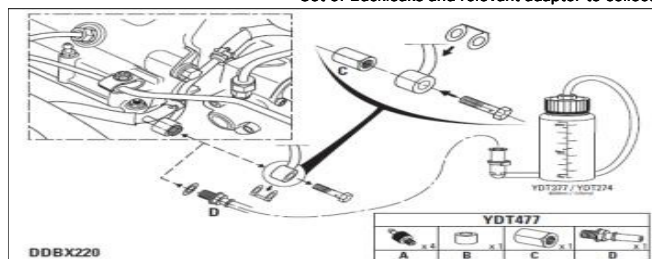
Common Rail Backleaks

Hydraulic Diagnostics & Repair

Delphi Backleak Kit Replenishment Kits

Part #	Type	Description	Applications	Pk Qty
9001-870	A	CLEANLINESS PLUG	All	40
9001-871	B	CLEANLINESS PLUG	All	40
9001-872	C	CLEANLINESS PLUG	All	40
YDT275	D	BACKLEAK CONNECTORS	Delphi injector	4
YDT276	E	BACKLEAK CONNECTORS	Bosch injector / Continental injector	6
YDT461	F	BACKLEAK CONNECTORS	Bosch injector	6
YDT462	G	BACKLEAK CONNECTORS	Denso injector	6
YDT477	H	BACKLEAK CONNECTOR KIT	Denso injector	7*
YDT478	J	BACKLEAK CONNECTORS	Delphi injector / pump	6
YDT531	K	BACKLEAK CONNECTORS	Delphi injector / pump	6
YDT561	L	BACKLEAK CONNECTORS	Continental injector	6
YDT562	M	BACKLEAK CONNECTORS	Bosch injector	6
YDT563	N	BACKLEAK CONNECTORS	Bosch injector	6
9001-888	O	BACKLEAK O-RINGS	O-rings for use with Backleak connectors type - E, J, K, N, M, P	10
YDT711	P	BACKLEAK CONNECTORS	Delphi injector / pump	6

* Set of Backleaks and relevant adaptor to collect the flow required due to global cylinder head return



[Learn More >](#)

NOTE: Never re-use a connector on the Common Rail system if there is the slightest risk of contamination.

For more information about the range of Back leak connectors, we invite to you to read the technical notes available in Direct Evolution
DT462 details HYDRAULIC DIAGNOSTICS for all COMMON RAIL APPLICATIONS, INJECTOR BACKLEAK CONNECTORS



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Common Rail Backleaks

Hydraulic Diagnostics & Repair

Other Backleak Connectors and associated items

Part #		Part Used In	Description	Information
YDT266		YDT278 YDT500 YDT850 YDT732	Rack of 6 Bottles for Sealed Rail Backleak Flow Bottle to collect backleak flow from sealed rail YDT272.	All-makes, multi applications
YDT273		YDT278 YDT500 YDT850 YDT732	Bottle for Injector Backleak Flow Bottle to collect backleak flow on injectors during diagnosis on vehicle. Able to collect flow qty for 6 injectors.	All-makes, multi applications
YDT274		YDT278 YDT500 YDT850 YDT732	Bottle for CR Pump Backleak Flow Allows to measure backleak flow of the HP pump.	All-makes, multi applications
YDT412		YDT500 YDT700	Rack of 4 Bottles for injector backleak flow Bottles to collect injector backleak flow during hydraulic diagnosis. Allows to collect backleak flow from 4 injectors.	All-makes, multi applications
YDT419			Backleak adaptor (Ø6mm) Adaptor to connect bottles YDT412 to Ø6mm nipples.	All-makes, multi applications
YDT514		YDT527	Backleak Connector Set	Perkins SISU
YDT745		YDT850	10bar pressurized valve Used to manage hydraulic diagnostic on all Bosch indirect Piezo injectors. It can also be used on Hartridge test benches such as IFT70, AVM2PC & CRiPC New to Range - Included in YDT850 / available as an update for YDT278	Bosch indirect Piezo Injectors
YDT746			VW Dummy Nipple Plug During hydraulic diagnostic on VW group applications, back flow return is delivered with positive pressure [5 - 6] bar. Today, the opposite pressure is managed by the lift pump from the tank and not a pressurized valve. Users have to collect each injector back-flow return with Backleak YDT754 and also plug each back-leak of the low pressure circuit to not have any leak during the test.	DFI1.6 / DFI1.20 Euro6 injectors VW / SEAT / SKODA applications (Euro 6) 1.4l 3 cylinders 1.6l 4 cylinders 2.0l 4 cylinders (mono / twin turbocharger)
YDT754			Backleak Connector DFI1.6 / DFI1.20 To manages hydraulic diagnostic & test benches to collect back flow return	

[Learn More >](#)

Backleak Kit - Marketing Information Note: DM1078

Information related to the Delphi Backleak Range can be found in Direct Evolution: <http://www.delphidirectevolution.com> - Technical Note references - DT462



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Quick-Fit Fittings and Tools

Hydraulic Diagnostics & Repair








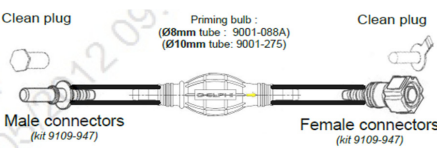


Delphi Quick-Fits, Fittings and associated Tools

Common Rail Repair & Diagnostics Using Quick-Fits

Most vehicles equipped with a Common Rail system, use quick-fit connections in the low pressure circuit between the various components: fuel tank, diesel filter, Common Rail pump inlet / outlet and Common Rail return etc. Quick-fits can be used on all diesel Common Rail systems (Delphi, Bosch, Continental and Denso) and all Common Rail components on the low pressure side of the system. There are many configurations, depending on the vehicle architecture.

Delphi's range of OE "Quick-Fit" kits are all-makes and are designed to enable low pressure system repair and diagnosis. This enables the workshop to:

- Resolve air ingress or fuel leaks
- Facilitate measurements of flow, pressure and vacuum
- Allow components to be replaced or fed directly for test purposes

Part #	Description		Information
9109-947		Kit 9109-947 (Phase 1 Kit) includes: <ul style="list-style-type: none"> • 15 variants of "quick-fit" fittings • 3 variants of protection caps diameter, (8.0 mm, 9.49 mm and 10.0 mm) male and female types • Total of 60 components • Plastic storage case with identified locations via contents 	Replenishment packs of all fittings are available see below for full details by part number 
9109-951		Kit 9109-951 (Phase 2 Kit) includes: <ul style="list-style-type: none"> • 15 variants of hose connector fittings – all makes. OE fuel grade quality • 5 variants of choke collars that cover 7.0 mm to 18.5 mm hose diameters • Total of 70 components • Plastic storage case with identified locations via contents 	
YDT390		Clic Pliers  Dedicated pliers to facilitate removal and refit of choke collars used on the Common Rail low pressure circuit and on other hoses.	Delphi's YDT390 Clic pliers / spanner has adjustable jaws for management of difficult access to the choke collar in the engine bay
YDT777		Quick-Fit Pliers Dedicated pliers to facilitate removal and refit of Quick-fit fittings used on the Common Rail low pressure circuit and on other hoses.	New Delphi Design To undo Quick-fit fittings that are hard to access or reach due to limited space.
9001-088A		Hand Priming Bulb 8mm tube diameter	 Clean plug Priming bulb : (Ø8mm tube : 9001-088A) (Ø10mm tube: 9001-275) Male connectors (kit 9109-947) Female connectors (kit 9109-947)
9001-275		Hand Priming Bulb 10mm tube diameter	
YDT417		Quick-fit connector adaptor (male/male - Ø8) Quick-fit adaptor (male/male - Ø8mm) to connect YDT377 bottle to female Quick-fit outlet.	All-makes, multi applications
YDT418		Quick-fit Male connector Quick-fit adaptor (male - Ø6mm) to connect YDT377 bottle to Ø6mm nipple.	All-makes, multi applications



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Quick-Fit Fittings and Tools

Hydraulic Diagnostics & Repair

Delphi Quick-Fits Phase 1 Replenishment Packs

Part #	Ref.	Pack Qty	Description	Ref. Table
9001-941	A	Pack Qty 5	Male straight	
9001-939	C	Pack Qty 5	Female straight	
9001-940	D	Pack Qty 5	Female elbow	
9001-944	E	Pack Qty 5	Male straight	
9001-942	G	Pack Qty 5	Female straight	
9001-943	H	Pack Qty 5	Female elbow	
9001-947	J	Pack Qty 5	Male straight	
9001-945	L	Pack Qty 5	Female straight	
9001-946	M	Pack Qty 5	Female elbow	
9001-950	N	Pack Qty 5	Male straight	
9001-948	P	Pack Qty 5	Female straight	
9001-949	R	Pack Qty 5	Female elbow	
9001-981	S	Pack Qty 5	Male straight	
9001-982	U	Pack Qty 5	Female straight	
9001-983	V	Pack Qty 5	Female elbow	

Delphi Quick-Fits Phase 2 Replenishment Packs

Ref.	Part #	Pack Qty	Description	Ref. Table
9001-984	A	Pack Qty 8	Straight extension	
9001-985	B	Pack Qty 8	Straight extension	
9001-986	C	Pack Qty 8	Straight extension	
9001-987	D	Pack Qty 8	Elbow extension	
9001-988	E	Pack Qty 8	Elbow extension	
9001-989	F	Pack Qty 8	Elbow extension	
9001-990	G	Pack Qty 5	Straight reduction	
9001-991	H	Pack Qty 5	Straight reduction	
9001-992	J	Pack Qty 5	Straight reduction	
9001-993	K	Pack Qty 5	Y adaptor	
9001-994	L	Pack Qty 5	Y adaptor	
9001-995	M	Pack Qty 5	Y adaptor	
9001-996	N	Pack Qty 5	T adaptor	
9001-997	O	Pack Qty 5	T adaptor	
9001-998	P	Pack Qty 5	T adaptor	
9001-999	R	Pack Qty 10	Choke collar	
9001-863	S	Pack Qty 10	Choke collar	
9001-864	T	Pack Qty 10	Choke collar	
9001-865	U	Pack Qty 10	Choke collar	
9001-866	V	Pack Qty 10	Choke collar	

[Learn More >](#)

NOTE: Never re-use a connector on the Common Rail system if there is the slightest risk of contamination.

Quick-Fit Kits - Marketing Information Note: DM0997

For more information about the range of quick-fit fittings, we invite you to read the technical notes available in Direct Evolution. DT482 details the 2 kits and associated hand tools - DT491 provides useful technical information related to using quick-fits for priming the low pressure circuit to reduce the risk of damage to the starter and the HP pump.



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Fuel Analyser

Hydraulic Diagnostics




Delphi Fuel Analyser

The fuel analyser is specifically designed to detect if the blend of conventional and biodiesel fuels are correct or the fuel is contaminated. If undetected, engine performance decreases and damage could occur.

A handheld version of the diagnostic tool also allows operators to test the fuel before they even put it into the vehicle.

Delphi also provides high quality OE filters to help protect the fuel injection system from contamination and debris.

Delphi Fuel Analyser

Part #	Description	Information
YDT553		<p>Delphi Fuel Analyser</p> <ul style="list-style-type: none">• Measures bio-diesel in diesel Delphi's Fuel Analyser is a first level diagnostic check of bio-fuel in the system and will assist the technician to diagnose if the fuel quality is a possible cause for system / component failure.• Fuel diagnostics – Why check the levels of biofuel in diesel? The use of contaminated fuels, or biofuel blends above the recommended standards, increases the risk of engine related issues. The Delphi fuel analyser can significantly reduce costs for the workshop, vehicle owner or operator. It provides the ability to quickly carry out a fuel check and produce an end user customer report.
YDT705		<p>Delphi Fuel Analyser Sample Bottles - Box of 30</p>
 SOFTWARE UPDATE	<p>Latest Software / Firmware Update</p> <ul style="list-style-type: none">• Analysis Codes A major user improvement is the new way that analysis results will now be displayed on the screen of the FA unit – no longer will the user be presented with an "Error Code #" and have to refer to the "Quick Start Guide" for an explanation. The bio % reading and analysis results will now be displayed on screen immediately. Due to the text string length, the explanation message will scroll across the screen repeatedly.• New customer reporting Improved layout of FA analysis customer reports Workshops can add their own business logo to the report Report will now include a disclaimer message and state the common fuel standards. Ability to view and edit records and add additional information (visual inspection comments, source of fuel sample etc.) to reports before printing.• Addition of FA unit Diagnostic test The Diagnostics section displays various device parameters plus a green tick or a red cross to indicate whether the parameters are in specification If the unit fails a diagnostic test, detailed diagnostic information can be saved to a log file on the PC using the Save Log File button and sent to Delphi for advice of further action required. The internal memory of the unit can be saved to a text file on the PC using the Download EEPROM button.	<p>UPDATE YOUR FUEL ANALYSER TODAY</p> <p>Please visit :</p> <p>http://europe.delphi-dso.com</p> <p>and click on 'FUEL ANALYSER' in the left hand menu and follow the instructions.</p> <p>PC Software must be updated first to allow the update of the Fuel Analyser Unit's Firmware</p>

[Learn More >](#)

Delphi Fuel Analyser - Marketing Information Note: DM1009
Fuel Analyser Update - Marketing Information Note: DM1010

The user manual can be found in Direct Evolution: <http://www.delphidirectevolution.com> - DDNX372

Fuel Analyser Datasheet can be found in Direct Evolution:
<http://www.delphidirectevolution.com> - Technical Note reference - DT478



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Remove and Refit / Hand Tools

Diesel Applications / Systems

Remove and Refit / Hand Tool associated to working on CR systems






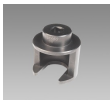








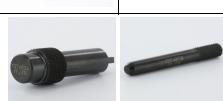



Part #	Where used	Description	Information	Application Info
YDT200		Engine vacuum and General CR injector removal tool kit The generic tool has been designed to be suitable for a wide range of Common Rail equipped vehicles and includes a engine compartment vacuum cleaner (YDT205) with a set various sized nozzles. It also contains a tool for removing flame proof injector washers (YDT203) and a universal injector removal tool (YDT204).	Especially recommended for all workshops and DSCs that work on Common Rail Systems	All-makes, multi applications CR tool Kit
YDT201		Renault Common Rail Repair Kit This kit has been designed to keep the engine timing whilst removing and refitting CR pump.	This kit consists of : an engine pin (YDT208) to immobilize the engine at the camshaft and a camshaft pin (YDT210)	Renault K9 Applications
YDT202		Ford Pump locating Kit This kit has been designed to immobilize the camshaft and crankshaft in Ford 1.8 TDCi engines.	This kit consists of: a camshaft pin (YDT206) and a crankshaft pin (YDT207).	Ford Applications (Engine Code - Lynx)
YDT209		PUMA (FORD) TDCi KIT Remove / Refit Kit Kit for removing/refitting injectors and pump in PUMA applications, designed to keep engine timing position.	This kits includes: a pump sprocket cover removing tool (YDT217), a pump sprocket holding tool (YDT218), a common rail injector socket (YDT220), a injector immobilizing spanner (YDT221)	Ford Applications (Engine Code - Puma)
YDT230		KIA Common Rail tool kit - KIA/HYUNDAI Special removal/refitting tools for HMC/KJ Common Rail applications.	This kit is made up of: YDT228, YDT229 and YDT232.	Kia / Hyundai KJ2.9 (Euro3 / Euro4) Great-Wall 4D20 2L (Euro4 / Euro5)
YDT232		Injector Immobilizing Spanner A tool to apply counter-torque on the injectors when tightening a high pressure pipe and position the injector.		KIA; HYUNDAI; SSANGYONG; PEUGEOT; CITROEN; SUZUKI (Engine Codes: KJ; D20DT; D27DT; DV4)
YDT250		PSA Common Rail Tool Kit The YDT250 tool kit was launched in 2003 specifically for the Delphi Common Rail equipment fitted to the PSA DV4 engine - this engine was fitted to the Citroen C3. In October 2006 the PSA DW10B engine was launched with Delphi Common Rail and is now being fitted to popular applications including the Peugeot 307 & 407 and the Citroen C4.	This kit comprises of: YDT232; YDT251; YDT252; YDT253; YDT255; YDT256; YDT257; 9109-913	PEUGEOT, CITROEN, and SUZUKI applications (Engine code - DV4)
YDT474		PSA Common Rail Update Kit for YDT250 Delphi's new PSA tool kit (YDT474) is used in conjunction with the YDT250 to give the capability to remove and refit the main system components on the DW10B. Please note that the YDT474 is required in addition to the YDT250 - it is not a replacement for it. The contents of the kit are: YDT426 Injector Extractor Tool, YDT427 Injector Alignment Tool, YDT428 Camshaft Cover, 9109-928 Caps Kit, DDBX208 Update sticker for case and updated blister tool locator for inside the YDT250 case	307 2.0 HDI EURO 4 (DW10BTED4 - 2006») 307CC 2.0 HDI EURO 4 (DW10BTED4 - 2006») EXPERT BOX 2.0 HDI (DW10BTED - 2000») 308 2.0 HDI EURO 4 (DW10BTED4 - 2006») 407 2.0 HDI EURO 3 (DW10BTED4 - 2008») 407 2.0 HDI EURO 4 (DW10BTED4 - 2008») 407 COUPE EURO 4 (DW10BTED4 - 2008») C4 2.0 HDI EURO 4 (DW10BTED4 - 2006») C5 2.0 HDI EURO 4 (DW10BTED4 - 2008»)	
YDT251		Common Rail Pump removal kit and engine timing pin - PSA Extractor Kit This tool is designed to remove pump pulleys and injectors.	Common Rail Pump DFP1	Peugeot/Citroën / Suzuki DV4TED4 1.4L 16v (Euro3)
YDT252		Injector Well Cleaner This is a cleaning tool for washer seats in injector wells of the cylinder head	Common Rail Injectors	Euro3 ; Euro4 ; Tier3 & Tier4
YDT253		Common Rail Pump removal kit and engine timing pin - PSA Pegs Kit This kit is for removal and refit operations on the injection system.	Common Rail Pump DFP1	PEUGEOT, CITROEN, and SUZUKI applications (Engine code - DV4)
YDT255		Long Vacuum Nozzle This piece of tooling allows the use of the vacuum cleaner in deep injector wells.		All-makes, multi applications
YDT256		Injector Washer Extractor With Long Nozzle This tool is designed for removing flame arresting washers jammed in deep injector wells. (Supersedes YDT203)		All-makes, multi applications
YDT257		Heater O-Ring Mounting Taper A mounting taper for fuel filter heater O-rings on PSA/DV4 and PSA/DV6 applications.		Peugeot and Citroen applications (Engine codes DV4 and DV6)



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Remove and Refit / Hand Tools

Diesel Applications / Systems







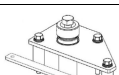




Part #	Where used	Description	Information	Application Info
YDT258		Belt Tightening Holding Peg A tool designed to hold the accessory belt tight to remove vehicle fans.		Kia / Hyundai KJ2.9 (Euro3 / Euro4)
YDT325		Common Rail Pump Removal Kit Pump Sprocket Extractor Kit Tool kit designed to remove HP pump on Renault/K9 applications.	Comprises of: YDT322; YDT323; YDT324	Common Rail Pump DFP1 & 3 Renault / Dacia / Nissan / Suzuki K9 1.5L (Euro3 / Euro4 / Euro5)
YDT329		Common Rail specific tool kit - SSANGYONG		SsangYong D20DT and D27DT (Euro4)
YDT339		YDT505 17mm HP Spanner Offset socket for HP pipe bolts (17mm). Spanner for remove/refit operations of pressure sensor HPS on Common Rail rail.		All-makes, multi applications
YDT379		YDT505 HPS Spanner Spanner for remove/refit operations of pressure sensor HPS on Common Rail rails		All-makes, multi applications
YDT380		YDT505 HPV Spanner Spanner for remove/refit operations of high pressure valve HPV on Common Rail rails		All-makes, multi applications
YDT381		SsangYong Common Rail Tool Kit Special tools for SYMC/D20DT and SYMC/D27DT Common Rail applications. In addition to YDT250 kit.	Comprises of: YDT327; YDT328; YDT339	SsangYong D20DT and D27DT (Euro4)
YDT390		Clic Pliers  Dedicated pliers to facilitate removal and refit of choke collars used on the Common Rail low pressure circuit and on other hoses.	Delphi's YDT390 Clic pliers / spanner has adjustable jaws for management of difficult access to the choke collar in the engine bay	
YDT429		YDT200 YDT568 Common Rail Injector extractor tool This tool has been specifically designed to help the removal of slightly seized Delphi Common Rail injectors, to allow twisting and upward pressure simultaneously.	Found to be especially useful for Mercedes Benz (OM646) applications.	
YDT431		YDT323 from Kit YDT325 required Common Rail pump sprocket extension jaws for SsangYong applications Gripping jaws HP pump gear on SYMC/D20DT applications. Use with YDT325 extractor.	Common Rail Pump DFP1	SsangYong D20DT (Euro4)
YDT432		Injector body O-ring mounting taper Mounting taper for Common Rail injector body O-ring on HMC/KJ and VW/R3.		Kia and Hyundai Applications (Engine Codes - KJ & R3)
YDT463		TATA Camshaft Timing Pin Camshaft locking tool on TLM/1.4l applications.		Tata Applications 1.4L
YDT469		Common Rail pump removal tool and engine timing pin - JCB	Common Rail Pump DFP3 & 4	JCB 4.4L / 4.8L (Tier3 / Tier4)
YDT485		Cam-shaft timing peg - TATA Camshaft locking tool on TLM/2.2l applications.		TATA 2.2L Dicor Engine Euro 5
YDT496		YDT505 19MM HP Pipe Socket Offset socket for HP pipe bolts (19mm)		All-makes, multi applications
YDT512		YDT505 17mm HP pipe short socket Shortened offset spanner for HP pipe bolts (17mm).		All-makes, multi applications
YDT522		Injector gripping tool Tool to facilitate injector removal when handling is hard.		All-makes, multi applications



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Remove and Refit / Hand Tools

Diesel Applications / Systems

Part #	Where used	Description	Information	Application Info
YDT526	 YDT200 YDT568	Common Rail Flameproof Copper Washer removal Tool Designed to remove the copper injector base seal/washer when it has stuck in the cylinder head. Very simple to use utilizing a split collet technology to grip the seal and allow it to be pulled out. Adjustable to allow seals with between 6.4mm to 8mm to be removed. No more fiddling with picks to try and retrieve those stuck washers.	Common Rail Injectors	All-makes, multi applications
YDT530		Injector Well Cleaner This is a cleaning tool for washer seats in injector wells of the cylinder head. It used mainly with Euro5 & Euro6 applications with low diameter in the cylinder head	Common Rail Injectors	Euro5; Euro6
YDT532		Common Rail Pump Extractor - Kia / Hyundai Space saving tool to extract HP pump on HMC/U applications.	Common Rail Pump DFP3 Euro 5 DFP6 Euro 6	Kia / Hyundai U1.1L / U1.4L Euro 5 U1.1L Euro6
YDT557		Pump extractor - VW Specific tool to extract HP pump on VW/R3 applications.	Common Rail Pump DFP6	Audi / VW / Seat / Skoda 1.2L / 1.4L / 1.6L (Euro5 / Euro6)
YDT558		Pump sprocket holding tool - VW Tool designed to hold the hub of pump sprocket on VW/R3 applications.		Audi / VW / Seat / Skoda 1.2L / 1.4L / 1.6L (Euro5 / Euro6)
YDT568		General Common Rail Tool Kit Kit of YDT429 & YDT526	Especially recommended for all workshops and DSCs that work on Common Rail Systems	All-makes, multi application CR tool Kit
YDT587		Common Rail Pump Extractor and bespoke spanner To tighten the CR Rail screw - Kia / Hyundai	Common Rail Pump DFP3	Kia / Hyundai A2.5L (Euro4 / Euro5)
YDT597		QUICK-FIT Unlocking Tool Tool to un-lock these specific design of quick-fit.	This type of specific quick-fit are also used on other CR vehicles with Bosch ; Continental & Denso systems and by other VMs.	Delphi CR Systems CHEVROLET Z20 & Z22 Euro5 engines – See DT5247 OPEL Z20 & Z22 Euro5 engines – See DT5248 FORD DW10C Euro5 engines with – See DT5225
YDT744	 	Common Rail Pump Extractor - DAEDONG DFP4.4	Common Rail Pump DFP4.4	Daedong 1.8L / 2.4L (Tier3 / Tier4) DAEDONG roll-outs this engine under several brands such as KYOTI for Europe & US market
YDT766		Slide Hammer This is a 1300g Slide hammer, complete with 4 adapters to be universal for many applications.	Adapters included are: M8 x 1.25 M10 x 1.5 M14 x 1.75 M16 x 2.0	Various







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Remove and Refit / Hand Tools

Diesel Applications / Systems

Spares / Components for Remove & Refit Tooling Kits above

Part #		Where used	Description	Information
YDT324		YDT325	Pump sprocket extractor claws - RENAULT Extractor claws - Use with extractor body (YDT323) on Renault/K9 applications.	Renault Applications (Engine Code - K9)
YDT426		YDT474	Injector extractor - PEUGEOT/CITROEN To extract injectors jammed in their wells on PSA/DW10B applications. Use with cover Cam-Shaft YDT428.	PEUGOET and CITROEN Applications Engine - DW10B
YDT427		YDT474	Angle indexing and counter torque wrench Angle indexing and counter torque wrench for remove/refit operations on Common Rail injector.	
YDT428		YDT474	Cover Cam-Shaft Cover Cam-Shaft to use during remove/refit operation on injectors. Delivered with 4 caps and 3 fixation screws.	

[Learn More >](#)

These tools feature in many documents, diagnostic manuals, remove and refit manuals etc. that can be found in
be found in Direct Evolution: <http://www.delphidirectevolution.com>

Please refer to the Document Cross Reference Section of this Tooling catalogue to find the relevant document part number by tooling part number.



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Cleanliness Equipment

Hydraulic Diagnostics

CLEANLINESS LEVELS DURING REPAIR AND REMOVE / REFIT OPERATIONS ALL COMMON RAIL APPLICATIONS (DELPHI & OTHER SYSTEMS)

We can not stress enough the importance of maintaining the Common Rail system free from any introduction of external contamination during an intervention and keeping its cleanliness level at its highest during storage.

A Common Rail system manages a range of fuel injection pressure between 230 & 2500 bar.
The constraints linked to managing high pressure need extremely tight tolerances on all components of the injection system:
Filtration / HP Pump / LP & HP pipes / Rail (with or without HPV / PLV) / Venturi / All injector types

Whatever kind of operation is involved (servicing, or component replacement or repair), all low and high pressure circuit connections must be sealed with single use "clean" caps and plugs. Plugs and caps contaminated during operations must not be reused.

Cleanliness Equipment

Part #	Where used	Description	Information
YDT200		Engine vacuum and General injector removal tool kit The generic tool has been designed to be suitable for a wide range of Common Rail equipped vehicles and includes a engine compartment vacuum cleaner (YDT205) with a set various sized nozzles. It also contains a flameproof tool for removing injector washers (YDT203) and a universal injector removal tool (YDT204).	Especially recommended for all workshops and DSCs that work on Common Rail Systems All-makes, multi applications CR tool Kit
9109-914		Cap display stand and Protection Cap range Protection caps display stand with 12 compartments and allocation arrangement. Complete with range of protection caps. See below for individual protection caps and plugs	
YDT480	See above	Cap display stand (Stand ONLY) - comes with Caps / Plugs Header Card. Protection caps display stand with 12 compartments and allocation arrangement.	A dedicated solution for storing the range of caps and plugs for convenient access
YDT570		Connector Plug Kit Suitable for all Types of Common Rail Repair Why risk damage to pump, rail and injector actuator/sensor connectors during aggressive ultrasonic cleaning & flushing? Cleanliness is critical in Common Rail repair given the ultrafine tolerances involved. Launched in 2010 - YDT570, includes YDT540 connector plug display, as well as one pack (pack qty 10) of each of the first 10 plug types in range (YDT541 to YDT550). Also includes a header for the display that demonstrates plugs in use.	Our range of blanking connector plugs protect the coils and pins during the cleaning, as well as preventing any damage that may result from exposure to ultrasonic liquid. These plugs keep the most sensitive parts of the Common Rail system safe, preventing potential damage and thereby avoiding unnecessary costs and inconvenience.
YDT583	update kit for YDT570	Connector Plug Kit 2 - Suitable for all Types of Common Rail Repair Additions to range launched in 2011 - required to update the range provided in YDT570 package Contains updated stick-on chart for stand header and compartment stickers. 6 connector plug variants : YDT577 to YDT582 - see info below	
YDT540	See above	Connector Plug display stand (Stand ONLY) - comes with Connector Plug Header Card. Display with 12 box sections for storage	A dedicated solution for storing the range of connector plugs for convenient access
YDT277	 YDT278 YDT465	H3PI Protection Cap Caps kit to plug several hydraulic connectors in order to stop particles intrusion and dirt ingress on Common Rail systems.	All-makes, multi applications
9001-894		VCI Repair bags (small) x 20 150mm x 200mm - 80 Microns thickness	VCI packaging is both a packaging and a corrosion inhibitor. VCI packaging materials contain proprietary chemical formulations that release an invisible, odorless and non-toxic corrosion inhibiting vapor into the air. Vapor molecules will settle on exposed metal surfaces in an enclosure and interrupt the electrochemical corrosion process.
9001-895		VCI Repair bag (medium) x 20 350mm x 400mm - 80 Microns thickness	
9001-896		VCI Repair bag (large) x 20 400mm x 500mm - 80 Microns thickness	



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Cleanliness Equipment

Hydraulic Diagnostics

Protection Caps / Plugs Kits

Part #		Description	Application / Engine
9109-902		Cap / Plug Protection Kit	Kia/Hyundai HP/KJ 2,9l
9109-910		Cap / Plug Protection Kit	Peugeot/Citroën/Suzuki DV4TED4
9109-912		Cap / Plug Protection Kit	Ford/Jaguar Lynx/Puma
9109-913		Cap / Plug Protection Kit	Peugeot/Citroën/Suzuki DV4TED4
9109-917		Cap / Plug Protection Kit	SsangYong D20DT/D27DT
9109-920		Actuator Protection Cap Kit As used on the false actuators above and designed to be placed on the pump actuator when removed from the vehicle during diagnosis	Complete Cap kit to cover above Actuators YDT401 to YDT408
9109-926		Cap / Plug Protection Kit	Renault/Nissan/Suzuki K9
9109-928		Cap / Plug Protection Kit	Peugeot/Citroën/Suzuki DW10BTED4
9109-929		Cap / Plug Protection Kit	Daimler/Chrysler OM646



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Cleanliness Equipment

Hydraulic Diagnostics

Protection Caps / Plugs Replenishment Packs

[Learn More >](#)

From January 2014, clean caps and plugs are packaged in multiples of 40 as 4 bags of 10 plugs in order to optimize packaging.
All part numbers are superseded to an "A" suffix format (Example: 9001-870 → 9001-870A)

Part #	Pack Qty	Description	Application
9001-870A	40	Cap / Plug Type A	Injector backleak machining
9001-871A	40	Cap / Plug Type B	Injector backleak pipe
9001-872A	40	Cap / Plug Type C	Injector backleak nipple
9001-873A	40	Cap / Plug Type D	Olive HP Ø7-9mm pipe
9001-874A	40	Cap / Plug Type E	End Ø10-12mm
9001-875A	40	Cap / Plug Type F	Quick-fit Ø10 female
9001-876A	40	Cap / Plug Type G	Quick-fit Ø8 male
9001-877A	40	Cap / Plug Type H	Quick-fit Ø8 female
9001-878A	40	Cap / Plug Type J	M12 x 1,5
9001-879A	40	Cap / Plug Type K	M14 x 1,5
9001-880A	40	Cap / Plug Type L	Injector nozzle
9001-881A	40	Cap / Plug Type M	Quick-fit Ø10 male
9001-855	40	Cap / Plug	DFI1.5 and DFI1.5.2 injector backleak Venturi outlet DFP3 / DFP4 / DFP6 with plastic connector
6407-631	40	Cap / Plug	Injector backleak for DFI1.20 Euro 6 Injectors with positive pressure VW / SEAT / SKODA applications (Euro 6) 1.4l 3 cylinders / 1.6l 4 cylinders / 2.0l 4 cylinders (mono / twin turbocharger)
6407-634	40	Cap / Plug	Quick-fit Ø9.48 Male
6407-635	40	Cap / Plug	Quick-fit Ø9.48 Female
6407-638	TBC	Cap / Plug - 26mm	Plugs for injector body 
6407-639	TBC	Cap / Plug - 27mm	
			Common Rail Injector DFI2.5 TATA 5l / 8l
			Common Rail Injector DFI2.5.2 WEICHEI WP5 / WP7

[Learn More >](#)

Plugs and caps contaminated during operations must not be reused.

They must be disposed of using an appropriate recycling procedure. Although parts are protected using this type of precautionary measure, it is recommended to store parts in clean conditions until final assembly



















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Cleanliness Equipment

Hydraulic Diagnostics

Connector Plugs Replenishment Packs

Part #		Pack Qty	Description	Application
YDT541		10	Connector Plug Type A	Delphi HP Pump DFP1 & DFP3 Siemens HP Pump <i>2 per pump: actuators HP & BP</i>
YDT542		10	Connector Plug Type B	Delphi HP Pump DFP1; DPF3 & DPF6 Siemens HP Pump & CR Injector Bosch CR Injector & CR Rail HPV
YDT543		10	Connector Plug Type C	Delphi HP Pump DFP3 & DFP6 (external Temp sensor)
YDT544		10	Connector Plug Type D	Bosch HP Pump CP1 & CP3 Bosch CR Injector & CR Rail HPV
YDT545		10	Connector Plug Type E	Delphi CR Injector (DFI 1.1 to DFI 1.5)
YDT546		10	Connector Plug Type F	Delphi CR Injector (DFI 1.5 to DFI 3)
YDT547		10	Connector Plug Type G	Delphi CR Rail HPS Bosch CR Rail HPS Siemens CR Rail HPS
YDT548		10	Connector Plug Type H	Bosch CR Rail HPS
YDT549		10	Connector Plug Type J	Delphi CR Rail HPS Bosch CR Rail HPS Siemens CR Rail HPS
YDT550		10	Connector Plug Type K	Denso CR Rail HPS
YDT577		10	Connector Plug Type L	Denso CR pump actuator Denso CR injector
YDT578		10	Connector Plug Type M	Denso CR injector
YDT579		10	Connector Plug Type N	Denso CR injector
YDT580		10	Connector Plug Type O	Denso CR pump T° sensor
YDT581		10	Connector Plug Type P	Denso High Pressure sensor
YDT582		10	Connector Plug Type Q	Bosch High Pressure sensor

[Learn More >](#)

Connector Plugs reduce the cost of replacing sensors/actuators damaged through oxidation and ultrasonic cleaning fluids.

Plugs and caps contaminated during operations must not be reused.

They must be disposed of using an appropriate recycling procedure. Although parts are protected using this type of precautionary measure, it is recommended to store parts in clean conditions until final assembly

[Learn More >](#)

Latest information related to Delphi; Information related to Common Rail Cleanliness can be found in Direct Evolution: <http://www.delphidirectevolution.com>
- Technical Note references - DT428



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TOOL to DOCUMENT

Cross Reference

Document Cross Reference by Delphi Equipment Part Number

Documents are found in <http://www.delphidirectevolution.com> - DSC Membership required

Part #	Document #	Title
9001-894	DDNX364	Rail Workshop Repair Manual
9001-895	DDNX364	Rail Workshop Repair Manual
9001-896	DDNX364	Rail Workshop Repair Manual
9001-895	DDNX163B	CR Pump Workshop Manual
9001-896	DDNX163B	CR Pump Workshop Manual
A189A131	DDNX364	Rail Workshop Repair Manual
YWB741	DDNX376	CR Diagnostic Manual - SsangYong D20DTF DCM3.7
YWB741	DDNX383	CR Diagnostic Manual Z20D - Z22D GMDAT Euro 5
9001-850A	DDNX386	CR General Manual Great Wall Motors 4D20 2.0L E4
9001-850X	DDNX299B	CR Injector Workshop Manual - Repair procedure
9001-851	DDNX386	CR General Manual Great Wall Motors 4D20 2.0L E4
9001-886	DDNX386	CR General Manual Great Wall Motors 4D20 2.0L E4
9001-898	DDNX299B	CR Injector Workshop Manual - Repair procedure
9001-899	DDNX299B	CR Injector Workshop Manual - Repair procedure
9001-922	DDNX386	CR General Manual Great Wall Motors 4D20 2.0L E4
9001-923	DDNX386	CR General Manual Great Wall Motors 4D20 2.0L E4
9001-928	DDNX386	CR General Manual Great Wall Motors 4D20 2.0L E4
9001-929	DDNX386	CR General Manual Great Wall Motors 4D20 2.0L E4
9001-935	DDNX386	CR General Manual Great Wall Motors 4D20 2.0L E4
9001-958	DDNX386	CR General Manual Great Wall Motors 4D20 2.0L E4
9001-959	DDNX386	CR General Manual Great Wall Motors 4D20 2.0L E4
9001-963	DDNX386	CR General Manual Great Wall Motors 4D20 2.0L E4
9109-913	DDNX253	Superseded to General Manual - Mercedes C200-220 (E220 OM646) - DDNX342
9109-928	DDNX330	CR General Manual Peugeot 307 308 407 508
9109-928	DDNX330A	CR General Manual Peugeot 307 308 407 508
9109-928	DDNX333	CR General Manual - DW10B Citroen
9109-928	DDNX333A	CR General Manual - DW10B Citroen
ALP361	DDNX163B	CR Pump Workshop Manual
YDT512	DDNX356	CR General Manual - Hyundai I20 U2 1.4L
DIAMAND	DDNX253	Superseded to General Manual - Mercedes C200-220 (E220 OM646) - DDNX342
DIAMAND	DDNX295	CR General Manual - Nissan Micra-Note
DIAMAND	DDNX344	CR General Manual - Renault K9K Euro V Megane Kangoo
DIAMAND	DDNX356	CR General Manual - Hyundai I20 U2 1.4L
DIAMAND	DDNX356A	CR General Manual - Hyundai I20 U2 1.4L
DIAMAND	DDNX357	CR General Manual - KIA Venga U2 1.4L
DIAMAND	DDNX358	CR Diagnostic Manual - HMC U2 1.4L
DIAMAND	DDNX360	CR Diagnostic Manual - Volkswagen Polo 1.2L TDi
DIAMAND	DDNX361	CR General Manual - RENAULT MEGANE / SCENIC III €4 K9K830
DIAMAND	DDNX361A	CR General Manual - RENAULT MEGANE / SCENIC III €4 K9K830
DIAMAND	DDNX362	CR General Manual Mercedes - Sprinter - OM651
DIAMAND	DDNX364	Rail Workshop Repair Manual
DIAMAND	DDNX365	CR General MANUAL RENAULT FLUENCE K9K830
DIAMAND	DDNX366	CR General Manual - DACIA - DUSTER €IV - K9K796
DIAMAND	DDNX368	CR General MANUEL CR-DODGE-CALIBER-OM651
DIAMAND	DDNX375	CR General Manual - SsangYong D20DTF (Euro V)
DIAMAND	DDNX376	CR Diagnostic Manual - SsangYong D20DTF DCM3.7
DIAMAND	DDNX386	CR General Manual Great Wall Motors 4D20 2.0L E4
DIAMAND	DDNX393	CR General Manual Mercedes OM651 D18
DYMO	DDNX299B	CR Injector Workshop Manual - Repair procedure
YDT175	DDNX264A	CR Diagnostic Manual - PSA 407 (DW10)
YDT175	DDNX308	CR Diagnostic Manual - SsangYong Rexton/Rodius
YDT175	DDNX343	CR Diagnostic Manual - Mercedes (OM651) Euro 5
YDT175	DDNX358	CR Diagnostic Manual - HMC U2 1.4L
YDT175	DDNX369	CR Diagnostic DODGE & JEEP OM651
YDT175	DDNX375	CR General Manual - SsangYong D20DTF (Euro V)
YDT175	DDNX376	CR Diagnostic Manual - SsangYong D20DTF DCM3.7
YDT175	DDNX379A	CR Diagnostic Manual - HMC A2 2.5l
YDT175	DDNX383	CR Diagnostic Manual Z20D - Z22D GMDAT Euro 5
YDT175	DDNX393	CR General Manual Mercedes OM651 D18
YDT182	DDNX148A	DIAMAND User Manual
YDT182	DDNX253	Superseded to General Manual - Mercedes C200-220 (E220 OM646) - DDNX342
YDT182	DDNX264A	CR Diagnostic Manual - PSA 407 (DW10)
YDT182	DDNX308	CR Diagnostic Manual - SsangYong Rexton/Rodius
YDT182	DDNX340	CR Diagnostic Manual PSA DW10C
YDT182	DDNX343	CR Diagnostic Manual - Mercedes (OM651) Euro 5
YDT182	DDNX355	CR Diagnostic Manual - Ford Mondeo/Galaxy S. Max KUGA - DW10CBTED4
YDT182	DDNX368	CR General MANUEL CR-DODGE-CALIBER-OM651
YDT182	DDNX369	CR Diagnostic DODGE & JEEP OM651
YDT182	DDNX376	CR Diagnostic Manual - SsangYong D20DTF DCM3.7
YDT182	DDNX378	CR Diagnostic Manual - DW10B+
YDT182	DDNX379A	CR Diagnostic Manual - HMC A2 2.5l
YDT182	DDNX383	CR Diagnostic Manual Z20D - Z22D GMDAT Euro 5
YDT182	DDNX393	CR General Manual Mercedes OM651 D18
YDT203	DDNX223	CR General Manual - Nissan Kubistar (K
YDT204	DDNX223	CR General Manual - Nissan Kubistar (K
YDT205	DDGX231	Hydraulic Diagnostic Principles of Operation
YDT205	DDNX208	Superseded to DDGX231



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Cross Reference

Document Cross Reference by Delphi Equipment Part Number

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Part #	Document #	Title
YDT205	DDNX364	Rail Workshop Repair Manual
YDT205	DDNX394	CR General Manual DW10C Hybrid Citroen
YDT228	DDNX386	CR General Manual Great Wall Motors 4D20 2.0L E4
YDT232	DDNX253	Superseded to General Manual - Mercedes C200-220 (E220 OM646) - DDNX342
YDT232	DDNX269	CR General Manual - Ssang Yong Rexton (D27DT)
YDT232	DDNX285	CR General Manual - SsangYong Rodius (D27DT)
YDT232	DDNX307	CR General Manual - SsangYong Rexton/Rodius
YDT233	DDNX253	Superseded to General Manual - Mercedes C200-220 (E220 OM646) - DDNX342
YDT233	DDNX264A	CR Diagnostic Manual - PSA 407 (DW10)
YDT233	DDNX308	CR Diagnostic Manual - SsangYong Rexton/Rodius
YDT233	DDNX340	CR Diagnostic Manual PSA DW10C
YDT233	DDNX343	CR Diagnostic Manual - Mercedes (OM651) Euro 5
YDT233	DDNX355	CR Diagnostic Manual - Ford Mondeo/Galaxy S. Max KUGA - DW10CBTED4
YDT233	DDNX358	CR Diagnostic Manual - HMC U2 1.4L
YDT233	DDNX360	CR Diagnostic Manual - Volkswagen Polo 1.2L TDi
YDT233	DDNX369	CR Diagnostic DODGE & JEEP OM651
YDT233	DDNX375	CR General Manual - SsangYong D20DTF (Euro V)
YDT233	DDNX376	CR Diagnostic Manual - SsangYong D20DTF DCM3.7
YDT233	DDNX378	CR Diagnostic Manual - DW10B+
YDT233	DDNX379A	CR Diagnostic Manual - HMC A2 2.5l
YDT233	DDNX383	CR Diagnostic Manual Z20D - Z22D GMDAT Euro 5
YDT246	DDNX316	DPCN General Manual - Peugeot / Citroen (MERCOSUR)
YDT246	DDNX330A	CR General Manual Peugeot 307 308 407 508
YDT246	DDNX333A	CR General Manual - DW10B Citroen
YDT246	DDNX339A	CR General Manual - CITROEN DW10C - C4 II / DS4
YDT246	DDNX339B	CR General Manual - CITROEN DW10C - C4 II / DS4
YDT246	DDNX339C	CR General Manual - CITROEN DW10C - C4 II / DS4
YDT246	DDNX339D	CR General Manual - CITROEN DW10C - C4 II / DS4
YDT246	DDNX340	CR Diagnostic Manual PSA DW10C
YDT246	DDNX341	CR General Manual - PEUGEOT DW10C
YDT246	DDNX341A	CR General Manual - PEUGEOT DW10C
YDT246	DDNX341B	CR General Manual - PEUGEOT DW10C
YDT246	DDNX341C	CR General Manual - PEUGEOT DW10C
YDT246	DDNX341D	CR General Manual - PEUGEOT DW10C
YDT246	DDNX343	CR Diagnostic Manual - Mercedes (OM651) Euro 5
YDT246	DDNX354	CR General Manual - Ford Mondeo/Galaxy S. Max KUGA - DW10CBTED4
YDT246	DDNX354A	CR General Manual - Ford Mondeo/Galaxy S. Max KUGA - DW10CBTED4
YDT246	DDNX354B	CR General Manual - Ford Mondeo/Galaxy S. Max KUGA - DW10CBTED4
YDT246	DDNX355	CR Diagnostic Manual - Ford Mondeo/Galaxy S. Max KUGA - DW10CBTED4
YDT246	DDNX367	CR General Manual FIAT - SCUDO - DW10CTED4
YDT246	DDNX369	CR Diagnostic DODGE & JEEP OM651
YDT246	DDNX375	CR General Manual - SsangYong D20DTF (Euro V)
YDT246	DDNX376	CR Diagnostic Manual - SsangYong D20DTF DCM3.7
YDT246	DDNX378	CR Diagnostic Manual - DW10B+
YDT246	DDNX379A	CR Diagnostic Manual - HMC A2 2.5l
YDT246	DDNX383	CR Diagnostic Manual Z20D - Z22D GMDAT Euro 5
YDT246	DDNX386	CR General Manual Great Wall Motors 4D20 2.0L E4
YDT246	DDNX394	CR General Manual DW10C Hybrid Citroen
YDT246 - Cable D	DDNX354B	CR General Manual - Ford Mondeo/Galaxy S. Max KUGA - DW10CBTED4
YDT246 - Cable A	DDNX376	CR Diagnostic Manual - SsangYong D20DTF DCM3.7
YDT246 - Cable C	DDNX376	CR Diagnostic Manual - SsangYong D20DTF DCM3.7
YDT246 - Cable D	DDNX354B	CR General Manual - Ford Mondeo/Galaxy S. Max KUGA - DW10CBTED4
YDT246 - Cable E	DDNX354B	CR General Manual - Ford Mondeo/Galaxy S. Max KUGA - DW10CBTED4
YDT246	DDNX344	CR General Manual - Renault K9K Euro V Megane Kangoo
YDT280	DDNX344	CR General Manual - Renault K9K Euro V Megane Kangoo
YDT528	DDNX344	CR General Manual - Renault K9K Euro V Megane Kangoo
YDT532	DDNX344	CR General Manual - Renault K9K Euro V Megane Kangoo
YDT246A	DDNX383	CR Diagnostic Manual Z20D - Z22D GMDAT Euro 5
YDT246B	DDNX383	CR Diagnostic Manual Z20D - Z22D GMDAT Euro 5
YDT246B	DDNX402A	CR General Manual DOOSAN 2.4l Tier 3 / Tier 4
YDT246D	DDNX354B	CR General Manual - Ford Mondeo/Galaxy S. Max KUGA - DW10CBTED4
YDT246D	DDNX364	Rail Workshop Repair Manual
YDT246E	DDNX163B	CR Pump Workshop Manual
YDT246E	DDNX354B	CR General Manual - Ford Mondeo/Galaxy S. Max KUGA - DW10CBTED4
YDT246E	DDNX402A	CR General Manual DOOSAN 2.4l Tier 3 / Tier 4
YDT250	DDNX253	Superseded to General Manual - Mercedes C200-220 (E220 OM646) - DDNX342
YDT250	DDNX263	CR General Manual - PSA 407 (DW10)
YDT250	DDNX330A	CR General Manual Peugeot 307 308 407 508
YDT250	DDNX333A	CR General Manual - DW10B Citroen
YDT250	DDNX339A	CR General Manual - CITROEN DW10C - C4 II / DS4
YDT250	DDNX339B	CR General Manual - CITROEN DW10C - C4 II / DS4
YDT250	DDNX339C	CR General Manual - CITROEN DW10C - C4 II / DS4
YDT250	DDNX339D	CR General Manual - CITROEN DW10C - C4 II / DS4
YDT250	DDNX341D	CR General Manual - PEUGEOT DW10C
YDT250	DDNX354B	CR General Manual - Ford Mondeo/Galaxy S. Max KUGA - DW10CBTED4
YDT250	DDNX367	CR General Manual FIAT - SCUDO - DW10CTED4
YDT250	DDNX378	CR Diagnostic Manual - DW10B+



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Part #	Document #	Title
YDT250	DDNX386	CR General Manual Great Wall Motors 4D20 2.0L E4
YDT250	DDNX394	CR General Manual DW10C Hybrid Citroen
YDT250	DDNX395A	CR General Manual JCB Tier 4 / 5
YDT250	DDNX402A	CR General Manual DOOSAN 2.4l Tier 3 / Tier 4
YDT250	DDNX339D	CR General Manual - CITROEN DW10C - C4 II / DS4
YDT250	DDNX341D	CR General Manual - PEUGEOT DW10C
YDT252	DDNX253	Superseded to General Manual - Mercedes C200-220 (E220 OM646) - DDNX342
YDT252	DDNX263	CR General Manual - PSA 407 (DW10)
YDT252	DDNX269	CR General Manual - Ssang Yong Rexton (D27DT)
YDT252	DDNX277	CR General Manual - Tata Safari (3.0)
YDT252	DDNX285	CR General Manual - SsangYong Rodius (D27DT)
YDT252	DDNX307	CR General Manual - SsangYong Rexton/Rodius
YDT252	DDNX330A	CR General Manual Peugeot 307 308 407 508
YDT252	DDNX333A	CR General Manual - DW10B Citroen
YDT252	DDNX339D	CR General Manual - CITROEN DW10C - C4 II / DS4
YDT252	DDNX341D	CR General Manual - PEUGEOT DW10C
YDT252	DDNX354B	CR General Manual - Ford Mondeo/Galaxy S. Max KUGA - DW10CBTED4
YDT252	DDNX356A	CR General Manual - Hyundai I20 U2 1.4L
YDT252	DDNX357	CR General Manual - KIA Venga U2 1.4L
YDT252	DDNX367	CR General Manual FIAT - SCUDO - DW10CTED4
YDT252	DDNX370	CR General Manual - TATA Aria
YDT252	DDNX386	CR General Manual Great Wall Motors 4D20 2.0L E4
YDT252	DDNX394	CR General Manual DW10C Hybrid Citroen
YDT253	DDNX386	CR General Manual Great Wall Motors 4D20 2.0L E4
YDT255	DDNX253	Superseded to General Manual - Mercedes C200-220 (E220 OM646) - DDNX342
YDT255	DDNX263	CR General Manual - PSA 407 (DW10)
YDT255	DDNX330A	CR General Manual Peugeot 307 308 407 508
YDT255	DDNX333A	CR General Manual - DW10B Citroen
YDT255	DDNX339D	CR General Manual - CITROEN DW10C - C4 II / DS4
YDT255	DDNX341D	CR General Manual - PEUGEOT DW10C
YDT255	DDNX354B	CR General Manual - Ford Mondeo/Galaxy S. Max KUGA - DW10CBTED4
YDT255	DDNX367	CR General Manual FIAT - SCUDO - DW10CTED4
YDT255	DDNX386	CR General Manual Great Wall Motors 4D20 2.0L E4
YDT255	DDNX394	CR General Manual DW10C Hybrid Citroen
YDT256	DDNX253	Superseded to General Manual - Mercedes C200-220 (E220 OM646) - DDNX342
YDT256	DDNX263	CR General Manual - PSA 407 (DW10)
YDT256	DDNX269	CR General Manual - Ssang Yong Rexton (D27DT)
YDT256	DDNX285	CR General Manual - SsangYong Rodius (D27DT)
YDT256	DDNX307	CR General Manual - SsangYong Rexton/Rodius
YDT256	DDNX330A	CR General Manual Peugeot 307 308 407 508
YDT256	DDNX333A	CR General Manual - DW10B Citroen
YDT256	DDNX339D	CR General Manual - CITROEN DW10C - C4 II / DS4
YDT256	DDNX341D	CR General Manual - PEUGEOT DW10C
YDT256	DDNX354B	CR General Manual - Ford Mondeo/Galaxy S. Max KUGA - DW10CBTED4
YDT256	DDNX356A	CR General Manual - Hyundai I20 U2 1.4L
YDT256	DDNX357	CR General Manual - KIA Venga U2 1.4L
YDT256	DDNX362	CR General Manual Mercedes - Sprinter - OM651
YDT256	DDNX367	CR General Manual FIAT - SCUDO - DW10CTED4
YDT256	DDNX368	CR General MANUEL CR-DODGE-CALIBER-OM651
YDT256	DDNX375	CR General Manual - SsangYong D20DTF (Euro V)
YDT256	DDNX386	CR General Manual Great Wall Motors 4D20 2.0L E4
YDT256	DDNX393	CR General Manual Mercedes OM651 D17 / D18
YDT256	DDNX394	CR General Manual DW10C Hybrid Citroen
YDT266	DDGX231	Hydraulic Diagnostic Principles of Operation
YDT267	DDGX231	Hydraulic Diagnostic Principles of Operation
YDT268	DDGX231	Hydraulic Diagnostic Principles of Operation
YDT269	DDGX231	Hydraulic Diagnostic Principles of Operation
YDT270	DDGX231	Hydraulic Diagnostic Principles of Operation
YDT271	DDGX231	Hydraulic Diagnostic Principles of Operation
YDT272	DDGX231	Hydraulic Diagnostic Principles of Operation
YDT272	DDNX331	THP User Guide
YDT272	DDNX364	Rail Workshop Repair Manual
YDT273	DDGX231	Hydraulic Diagnostic Principles of Operation
YDT274	DDGX231	Hydraulic Diagnostic Principles of Operation
YDT274	DDNX331	THP User Guide
YDT275	DDGX231	Hydraulic Diagnostic Principles of Operation
YDT276	DDGX231	Hydraulic Diagnostic Principles of Operation
YDT277	DDGX231	Hydraulic Diagnostic Principles of Operation
YDT277	DDNX331	THP User Guide
YDT278	DDGX231	Hydraulic Diagnostic Principles of Operation
YDT278	DDNX331	THP User Guide
YDT278	DDNX375	CR General Manual - SsangYong D20DTF (Euro V)
YDT278	DDNX386	CR General Manual Great Wall Motors 4D20 2.0L E4
YDT278	DDNX394	CR General Manual DW10C Hybrid Citroen
YDT280	DDNX330A	CR General Manual Peugeot 307 308 407 508
YDT280	DDNX333A	CR General Manual - DW10B Citroen
YDT280	DDNX339D	CR General Manual - CITROEN DW10C - C4 II / DS4



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Part #	Document #	Title
YDT280	DDNX340	CR Diagnostic Manual PSA DW10C
YDT280	DDNX341	CR General Manual - PEUGEOT DW10C
YDT280	DDNX341D	CR General Manual - PEUGEOT DW10C
YDT280	DDNX354B	CR General Manual - Ford Mondeo/Galaxy S. Max KUGA - DW10CBTED4
YDT280	DDNX355	CR Diagnostic Manual - Ford Mondeo/Galaxy S. Max KUGA - DW10CBTED4
YDT280	DDNX367	CR General Manual FIAT - SCUDO - DW10CTED4
YDT280	DDNX375	CR General Manual - SsangYong D20DTF (Euro V)
YDT280	DDNX376	CR Diagnostic Manual - SsangYong D20DTF DCM3.7
YDT280	DDNX378	CR Diagnostic Manual - DW10B+
YDT280	DDNX386	CR General Manual Great Wall Motors 4D20 2.0L E4
YDT280	DDNX394	CR General Manual DW10C Hybrid Citroen
YDT280 - Cable B	DDNX354B	CR General Manual - Ford Mondeo/Galaxy S. Max KUGA - DW10CBTED4
YDT280B	DDNX354B	CR General Manual - Ford Mondeo/Galaxy S. Max KUGA - DW10CBTED4
YDT280C	DDNX393	CR General Manual Mercedes OM651 D17 / D18
YDT300	DDNX148A	DIAMAND User Manual
YDT300	DDNX264A	CR Diagnostic Manual - PSA 407 (DW10)
YDT300	DDNX308	CR Diagnostic Manual - SsangYong Rexton/Rodius
YDT300	DDNX316	DPCN General Manual - Peugeot / Citroen (MERCOSUR)
YDT300	DDNX360	CR Diagnostic Manual - Volkswagen Polo 1.2L TDi
YDT300	DDNX394	CR General Manual DW10C Hybrid Citroen
YDT300	DDNX395A	CR General Manual JCB Tier 4 / 5
YDT300	DDNX402A	CR General Manual DOOSAN 2.4i Tier 3 / Tier 4
YDT321	DDNX148A	DIAMAND User Manual
YDT321	DDNX253	Superseded to General Manual - Mercedes C200-220 (E220 OM646) - DDNX342
YDT321	DDNX264A	CR Diagnostic Manual - PSA 407 (DW10)
YDT321	DDNX308	CR Diagnostic Manual - SsangYong Rexton/Rodius
YDT322	DDNX245	CR General Manual - Suzuki Jimmy (K9K)
YDT322	DDNX261	CR General Manual - Renault Modus (K9K)
YDT322	DDNX281A	CR General Manual - Samsung SM3
YDT322	DDNX283A	CR-DACIA-Logan Sandero-K9K792-796
YDT322	DDNX287	CR General Manual - Renault Clio III (K9K)
YDT322	DDNX291	CR General Manual - Renault ClioII/Kango Euro4
YDT322	DDNX295	CR General Manual - Nissan Micra-Note
YDT322	DDNX317	CR General Manual - Dacia / Logan (K9K794) Europe & Inde
YDT322	DDNX323A	CR General Manual - Twingo II (K9K740-718 dCi)
YDT322	DDNX344	CR General Manual - Renault K9K Euro V Megane Kangoo
YDT322	DDNX361A	CR General Manual - RENAULT MEGANE / SCENIC III €4 K9K830
YDT322	DDNX365	CR General MANUAL RENAULT FLUENCE K9K830
YDT322	DDNX366	CR General Manual - DACIA - DUSTER €IV - K9K796
YDT323	DDNX245	CR General Manual - Suzuki Jimmy (K9K)
YDT323	DDNX261	CR General Manual - Renault Modus (K9K)
YDT323	DDNX281A	CR General Manual - Samsung SM3
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YDT323	DDNX287	CR General Manual - Renault Clio III (K9K)
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YDT323	DDNX323A	CR General Manual - Twingo II (K9K740-718 dCi)
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YDT323	DDNX361A	CR General Manual - RENAULT MEGANE / SCENIC III €4 K9K830
YDT323	DDNX365	CR General MANUAL RENAULT FLUENCE K9K830
YDT323	DDNX366	CR General Manual - DACIA - DUSTER €IV - K9K796
YDT324	DDNX245	CR General Manual - Suzuki Jimmy (K9K)
YDT324	DDNX261	CR General Manual - Renault Modus (K9K)
YDT324	DDNX281A	CR General Manual - Samsung SM3
YDT324	DDNX283A	CR-DACIA-Logan Sandero-K9K792-796
YDT324	DDNX287	CR General Manual - Renault Clio III (K9K)
YDT324	DDNX291	CR General Manual - Renault ClioII/Kango Euro4
YDT324	DDNX295	CR General Manual - Nissan Micra-Note
YDT324	DDNX317	CR General Manual - Dacia / Logan (K9K794) Europe & Inde
YDT324	DDNX323A	CR General Manual - Twingo II (K9K740-718 dCi)
YDT324	DDNX361A	CR General Manual - RENAULT MEGANE / SCENIC III €4 K9K830
YDT324	DDNX365	CR General MANUAL RENAULT FLUENCE K9K830
YDT324	DDNX366	CR General Manual - DACIA - DUSTER €IV - K9K796
YDT325	DDNX344	CR General Manual - Renault K9K Euro V Megane Kangoo
YDT327	DDNX269	CR General Manual - Ssang Yong Rexton (D27DT)
YDT327	DDNX285	CR General Manual - SsangYong Rodius (D27DT)
YDT327	DDNX307	CR General Manual - SsangYong Rexton/Rodius
YDT328	DDNX269	CR General Manual - Ssang Yong Rexton (D27DT)
YDT328	DDNX285	CR General Manual - SsangYong Rodius (D27DT)
YDT328	DDNX307	CR General Manual - SsangYong Rexton/Rodius
YDT330	DDNX316	DPCN General Manual - Peugeot / Citroen (MERCOSUR)
YDT330	DDNX330A	CR General Manual Peugeot 307 308 407 508
YDT330	DDNX333A	CR General Manual - DW10B Citroen
YDT330	DDNX339D	CR General Manual - CITROEN DW10C - C4 II / DS4
YDT330	DDNX340	CR Diagnostic Manual PSA DW10C
YDT330	DDNX341D	CR General Manual - PEUGEOT DW10C



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Cross Reference

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Part #	Document #	Title
YDT330	DDNX343	CR Diagnostic Manual - Mercedes (OM651) Euro 5
YDT330	DDNX354B	CR General Manual - Ford Mondeo/Galaxy S. Max KUGA - DW10CBTED4
YDT330	DDNX355	CR Diagnostic Manual - Ford Mondeo/Galaxy S. Max KUGA - DW10CBTED4
YDT330	DDNX362	CR General Manual Mercedes - Sprinter - OM651
YDT330	DDNX367	CR General Manual FIAT - SCUDO - DW10CTED4
YDT330	DDNX368	CR General MANUEL CR-DODGE-CALIBER-OM651
YDT330	DDNX369	CR Diagnostic DODGE & JEEP OM651
YDT330	DDNX379A	CR Diagnostic Manual - HMC A2 2.5l
YDT330	DDNX383	CR Diagnostic Manual Z20D - Z22D GMDAT Euro 5
YDT330	DDNX386	CR General Manual Great Wall Motors 4D20 2.0L E4
YDT330	DDNX394	CR General Manual DW10C Hybrid Citroen
YDT330A	DDNX393	CR General Manual Mercedes OM651 D18
YDT330B	DDNX383	CR Diagnostic Manual Z20D - Z22D GMDAT Euro 5
YDT330B	DDNX393	CR General Manual Mercedes OM651 D17 / D18
YDT330B	DDNX398	CR Workshop Manual - DFP6 Repair Procedure
YDT330C	DDNX364	Rail Workshop Repair Manual
YDT330C	DDNX383	CR Diagnostic Manual Z20D - Z22D GMDAT Euro 5
YDT330C	DDNX393	CR General Manual Mercedes OM651 D17 / D18
YDT330C	DDNX402A	CR General Manual DOOSAN 2.4l Tier 3 / Tier 4
YDT330D	DDNX393	CR General Manual Mercedes OM651 D17 / D18
YDT339	DDNX269	CR General Manual - Ssang Yong Rexton (D27DT)
YDT339	DDNX285	CR General Manual - SsangYong Rodius (D27DT)
YDT339	DDNX307	CR General Manual - SsangYong Rexton/Rodius
YDT339	DDNX339D	CR General Manual - CITROEN DW10C - C4 II / DS4
YDT339	DDNX341	CR General Manual - PEUGEOT DW10C
YDT339	DDNX341D	CR General Manual - PEUGEOT DW10C
YDT339	DDNX344	CR General Manual - Renault K9K Euro V Megane Kangoo
YDT339	DDNX354B	CR General Manual - Ford Mondeo/Galaxy S. Max KUGA - DW10CBTED4
YDT339	DDNX361A	CR General Manual - RENAULT MEGANE / SCENIC III €4 K9K830
YDT339	DDNX365	CR General MANUAL RENAULT FLUENCE K9K830
YDT339	DDNX366	CR General Manual - DACIA - DUSTER €IV - K9K796
YDT339	DDNX367	CR General Manual FIAT - SCUDO - DW10CTED4
YDT339	DDNX394	CR General Manual DW10C Hybrid Citroen
YDT343	DDNX163B	CR Pump Workshop Manual
YDT344	DDNX163B	CR Pump Workshop Manual
YDT345	DDNX163B	CR Pump Workshop Manual
YDT346	DDNX163B	CR Pump Workshop Manual
YDT347	DDNX163B	CR Pump Workshop Manual
YDT348	DDNX163B	CR Pump Workshop Manual
YDT349	DDNX163B	CR Pump Workshop Manual
YDT350	DDNX163B	CR Pump Workshop Manual
YDT351	DDNX163B	CR Pump Workshop Manual
YDT352	DDNX163B	CR Pump Workshop Manual
YDT353	DDNX163B	CR Pump Workshop Manual
YDT354	DDNX163B	CR Pump Workshop Manual
YDT355	DDNX163B	CR Pump Workshop Manual
YDT356	DDNX163B	CR Pump Workshop Manual
YDT357	DDNX163B	CR Pump Workshop Manual
YDT359	DDNX163B	CR Pump Workshop Manual
YDT367	DDNX163B	CR Pump Workshop Manual
YDT368	DDNX163B	CR Pump Workshop Manual
YDT369	DDNX163B	CR Pump Workshop Manual
YDT369	DDNX398	CR Workshop Manual - DFP6 Repair Procedure
YDT370	DDNX163B	CR Pump Workshop Manual
YDT370	DDNX398	CR Workshop Manual - DFP6 Repair Procedure
YDT371	DDNX163B	CR Pump Workshop Manual
YDT372	DDNX163B	CR Pump Workshop Manual
YDT373	DDNX163B	CR Pump Workshop Manual
YDT374	DDNX308	CR Diagnostic Manual - SsangYong Rexton/Rodius
YDT374	DDNX343	CR Diagnostic Manual - Mercedes (OM651) Euro 5
YDT374	DDNX356A	CR General Manual - Hyundai i20 U2 1.4L
YDT374	DDNX357	CR General Manual - KIA Venga U2 1.4L
YDT374	DDNX358	CR Diagnostic Manual - HMC U2 1.4L
YDT374	DDNX362	CR General Manual Mercedes - Sprinter - OM651
YDT374	DDNX368	CR General MANUEL CR-DODGE-CALIBER-OM651
YDT374	DDNX369	CR Diagnostic DODGE & JEEP OM651
YDT374	DDNX375	CR General Manual - SsangYong D20DTF (Euro V)
YDT374	DDNX376	CR Diagnostic Manual - SsangYong D20DTF DCM3.7
YDT374	DDNX379A	CR Diagnostic Manual - HMC A2 2.5l
YDT374	DDNX383	CR Diagnostic Manual Z20D - Z22D GMDAT Euro 5
YDT374	DDNX386	CR General Manual Great Wall Motors 4D20 2.0L E4
YDT374	DDNX393	CR General Manual Mercedes OM651 D18
YDT375	DDNX308	CR Diagnostic Manual - SsangYong Rexton/Rodius
YDT375	DDNX343	CR Diagnostic Manual - Mercedes (OM651) Euro 5
YDT375	DDNX358	CR Diagnostic Manual - HMC U2 1.4L
YDT375	DDNX369	CR Diagnostic DODGE & JEEP OM651
YDT375	DDNX375	CR General Manual - SsangYong D20DTF (Euro V)



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Cross Reference

Document Cross Reference by Delphi Equipment Part Number

Documents are found in <http://www.delphidirectevolution.com> - DSC Membership required

Part #	Document #	Title
YDT375	DDNX376	CR Diagnostic Manual - SsangYong D20DTF DCM3.7
YDT375	DDNX379A	CR Diagnostic Manual - HMC A2 2.5l
YDT375	DDNX383	CR Diagnostic Manual Z20D - Z22D GMDAT Euro 5
YDT376	DDNX308	CR Diagnostic Manual - SsangYong Rexton/Rodius
YDT376	DDNX343	CR Diagnostic Manual - Mercedes (OM651) Euro 5
YDT376	DDNX358	CR Diagnostic Manual - HMC U2 1.4L
YDT376	DDNX369	CR Diagnostic DODGE & JEEP OM651
YDT376	DDNX375	CR General Manual - SsangYong D20DTF (Euro V)
YDT376	DDNX376	CR Diagnostic Manual - SsangYong D20DTF DCM3.7
YDT376	DDNX379A	CR Diagnostic Manual - HMC A2 2.5l
YDT376	DDNX383	CR Diagnostic Manual Z20D - Z22D GMDAT Euro 5
YDT377	DDGX231	Hydraulic Diagnostic Principles of Operation
YDT377	DDNX331	THP User Guide
YDT377	DDNX360	CR Diagnostic Manual - Volkswagen Polo 1.2L TDi
YDT377	DDNX364	Rail Workshop Repair Manual
YDT377	DDNX383	CR Diagnostic Manual Z20D - Z22D GMDAT Euro 5
YDT377	DDNX386	CR General Manual Great Wall Motors 4D20 2.0L E4
YDT377	DDNX394	CR General Manual DW10C Hybrid Citroen
YDT378	DDNX398	CR Workshop Manual - DFP6 Repair Procedure
YDT379	DDNX364	Rail Workshop Repair Manual
YDT380	DDNX364	Rail Workshop Repair Manual
YDT382A	DDNX163B	CR Pump Workshop Manual
YDT382B	DDNX163B	CR Pump Workshop Manual
YDT382B	DDNX163A	CR Pump Workshop Manual
YDT390	DDGX231	Hydraulic Diagnostic Principles of Operation
YDT390	DDNX253	Superseded to General Manual - Mercedes C200-220 (E220 OM646) - DDNX342
YDT390	DDNX263	CR General Manual - PSA 407 (DW10)
YDT390	DDNX330A	CR General Manual Peugeot 307 308 407 508
YDT390	DDNX331	THP User Guide
YDT390	DDNX333A	CR General Manual - DW10B Citroen
YDT390	DDNX339D	CR General Manual - CITROEN DW10C - C4 II / DS4
YDT390	DDNX341	CR General Manual - PEUGEOT DW10C
YDT390	DDNX341D	CR General Manual - PEUGEOT DW10C
YDT390	DDNX362	CR General Manual Mercedes - Sprinter - OM651
YDT390	DDNX367	CR General Manual FIAT - SCUDO - DW10CTED4
YDT390	DDNX368	CR General MANUEL CR-DODGE-CALIBER-OM651
YDT390	DDNX386	CR General Manual Great Wall Motors 4D20 2.0L E4
YDT390	DDNX393	CR General Manual Mercedes OM651 D17 / D18
YDT390	DDNX394	CR General Manual DW10C Hybrid Citroen
YDT400	DDNX398	CR Workshop Manual - DFP6 Repair Procedure
YDT401	DDGX231	Hydraulic Diagnostic Principles of Operation
YDT402	DDGX231	Hydraulic Diagnostic Principles of Operation
YDT403	DDGX231	Hydraulic Diagnostic Principles of Operation
YDT404	DDGX231	Hydraulic Diagnostic Principles of Operation
YDT405	DDGX231	Hydraulic Diagnostic Principles of Operation
YDT406	DDGX231	Hydraulic Diagnostic Principles of Operation
YDT407	DDGX231	Hydraulic Diagnostic Principles of Operation
YDT408A	DDGX231	Hydraulic Diagnostic Principles of Operation
YDT408B	DDGX231	Hydraulic Diagnostic Principles of Operation
YDT408B	DDNX364	Rail Workshop Repair Manual
YDT410	DDGX231	Hydraulic Diagnostic Principles of Operation
YDT410	DDNX331	THP User Guide
YDT410	DDNX364	Rail Workshop Repair Manual
YDT410	DDNX375	CR General Manual - SsangYong D20DTF (Euro V)
YDT410	DDNX386	CR General Manual Great Wall Motors 4D20 2.0L E4
YDT410	DDNX394	CR General Manual DW10C Hybrid Citroen
YDT410	DDNX364	Rail Workshop Repair Manual
YDT411	DDGX231	Hydraulic Diagnostic Principles of Operation
YDT411	DDNX331	THP User Guide
YDT412	DDGX231	Hydraulic Diagnostic Principles of Operation
YDT413	DDGX231	Hydraulic Diagnostic Principles of Operation
YDT414	DDGX231	Hydraulic Diagnostic Principles of Operation
YDT415	DDGX231	Hydraulic Diagnostic Principles of Operation
YDT416	DDGX231	Hydraulic Diagnostic Principles of Operation
YDT417	DDGX231	Hydraulic Diagnostic Principles of Operation
YDT418	DDGX231	Hydraulic Diagnostic Principles of Operation
YDT418	DDNX331	THP User Guide
YDT419	DDGX231	Hydraulic Diagnostic Principles of Operation
YDT420	DDNX264A	CR Diagnostic Manual - PSA 407 (DW10)
YDT420	DDNX378	CR Diagnostic Manual - DW10B+
YDT421	DDNX264A	CR Diagnostic Manual - PSA 407 (DW10)
YDT421	DDNX378	CR Diagnostic Manual - DW10B+
YDT422	DDNX264A	CR Diagnostic Manual - PSA 407 (DW10)
YDT422	DDNX378	CR Diagnostic Manual - DW10B+
YDT423	DDGX231	Hydraulic Diagnostic Principles of Operation
YDT426	DDNX263	CR General Manual - PSA 407 (DW10)
YDT426	DDNX330A	CR General Manual Peugeot 307 308 407 508



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Cross Reference

Document Cross Reference by Delphi Equipment Part Number

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Part #	Document #	Title
YDT426	DDNX333A	CR General Manual - DW10B Citroen
YDT426	DDNX378	CR Diagnostic Manual - DW10B+
YDT427	DDNX263	CR General Manual - PSA 407 (DW10)
YDT427	DDNX330A	CR General Manual Peugeot 307 308 407 508
YDT427	DDNX333A	CR General Manual - DW10B Citroen
YDT427	DDNX378	CR Diagnostic Manual - DW10B+
YDT428	DDNX263	CR General Manual - PSA 407 (DW10)
YDT428	DDNX330A	CR General Manual Peugeot 307 308 407 508
YDT428	DDNX333A	CR General Manual - DW10B Citroen
YDT428	DDNX378	CR Diagnostic Manual - DW10B+
YDT429	DDNX253	Superseded to General Manual - Mercedes C200-220 (E220 OM646) - DDNX342
YDT437	DDNX299	CR Injector Workshop Manual - Repair procedure
YDT437	DDNX299B	CR Injector Workshop Manual - Repair procedure
YDT438	DDNX299B	CR Injector Workshop Manual - Repair procedure
YDT439	DDNX299A	CR Injector Workshop Manual - Repair procedure
YDT440	DDNX299B	CR Injector Workshop Manual - Repair procedure
YDT441	DDNX299B	CR Injector Workshop Manual - Repair procedure
YDT442	DDNX299B	CR Injector Workshop Manual - Repair procedure
YDT443	DDNX299B	CR Injector Workshop Manual - Repair procedure
YDT444	DDNX299B	CR Injector Workshop Manual - Repair procedure
YDT445	DDNX299B	CR Injector Workshop Manual - Repair procedure
YDT446	DDNX299B	CR Injector Workshop Manual - Repair procedure
YDT447	DDNX299B	CR Injector Workshop Manual - Repair procedure
YDT450	DDGX231	Hydraulic Diagnostic Principles of Operation
YDT450	DDNX148A	DIAMAND User Manual
YDT450	DDNX208	Superseded to DDGX231
YDT450	DDNX264A	CR Diagnostic Manual - PSA 407 (DW10)
YDT450	DDNX316	DPCN General Manual - Peugeot / Citroen (MERCOSUR)
YDT450	DDNX339D	CR General Manual - CITROEN DW10C - C4 II / DS4
YDT450	DDNX340	CR Diagnostic Manual PSA DW10C
YDT450	DDNX341	CR General Manual - PEUGEOT DW10C
YDT450	DDNX341D	CR General Manual - PEUGEOT DW10C
YDT450	DDNX343	CR Diagnostic Manual - Mercedes (OM651) Euro 5
YDT450	DDNX354B	CR General Manual - Ford Mondeo/Galaxy S. Max KUGA - DW10CBTED4
YDT450	DDNX355	CR Diagnostic Manual - Ford Mondeo/Galaxy S. Max KUGA - DW10CBTED4
YDT450	DDNX367	CR General Manual FIAT - SCUDO - DW10CTED4
YDT450	DDNX368	CR General MANUEL CR-DODGE-CALIBER-OM651
YDT450	DDNX369	CR Diagnostic DODGE & JEEP OM651
YDT450	DDNX376	CR Diagnostic Manual - SsangYong D20DTF DCM3.7
YDT450	DDNX378	CR Diagnostic Manual - DW10B+
YDT450	DDNX379A	CR Diagnostic Manual - HMC A2 2.5l
YDT450	DDNX383	CR Diagnostic Manual Z20D - Z22D GMDAT Euro 5
YDT450	DDNX386	CR General Manual Great Wall Motors 4D20 2.0L E4
YDT450	DDNX393	CR General Manual Mercedes OM651 D18
YDT450	DDNX394	CR General Manual DW10C Hybrid Citroen
YDT450	DDNX395A	CR General Manual JCB Tier 4 / 5
YDT450	DDNX402A	CR General Manual DOOSAN 2.4l Tier 3 / Tier 4
YDT451	DDNX148A	DIAMAND User Manual
YDT452	DDNX148A	DIAMAND User Manual
YDT452	DDNX340	CR Diagnostic Manual PSA DW10C
YDT452	DDNX343	CR Diagnostic Manual - Mercedes (OM651) Euro 5
YDT452	DDNX355	CR Diagnostic Manual - Ford Mondeo/Galaxy S. Max KUGA - DW10CBTED4
YDT452	DDNX362	CR General Manual Mercedes - Sprinter - OM651
YDT452	DDNX368	CR General MANUEL CR-DODGE-CALIBER-OM651
YDT452	DDNX369	CR Diagnostic DODGE & JEEP OM651
YDT452	DDNX375	CR General Manual - SsangYong D20DTF (Euro V)
YDT452	DDNX376	CR Diagnostic Manual - SsangYong D20DTF DCM3.7
YDT452	DDNX378	CR Diagnostic Manual - DW10B+
YDT452	DDNX379A	CR Diagnostic Manual - HMC A2 2.5l
YDT452	DDNX383	CR Diagnostic Manual Z20D - Z22D GMDAT Euro 5
YDT452	DDNX393	CR General Manual Mercedes OM651 D18
YDT452	DDNX402A	CR General Manual DOOSAN 2.4l Tier 3 / Tier 4
YDT453	DDNX148A	DIAMAND User Manual
YDT453	DDNX340	CR Diagnostic Manual PSA DW10C
YDT453	DDNX343	CR Diagnostic Manual - Mercedes (OM651) Euro 5
YDT453	DDNX355	CR Diagnostic Manual - Ford Mondeo/Galaxy S. Max KUGA - DW10CBTED4
YDT453	DDNX368	CR General MANUEL CR-DODGE-CALIBER-OM651
YDT453	DDNX369	CR Diagnostic DODGE & JEEP OM651
YDT453	DDNX376	CR Diagnostic Manual - SsangYong D20DTF DCM3.7
YDT453	DDNX378	CR Diagnostic Manual - DW10B+
YDT453	DDNX379A	CR Diagnostic Manual - HMC A2 2.5l
YDT453	DDNX383	CR Diagnostic Manual Z20D - Z22D GMDAT Euro 5
YDT453	DDNX393	CR General Manual Mercedes OM651 D18
YDT453	DDNX395	CR General Manual JCB Tier 4
YDT453	DDNX395A	CR General Manual JCB Tier 4 / 5
YDT453 + YDT182	DDNX362	CR General Manual Mercedes - Sprinter - OM651
YDT456	DDNX148A	DIAMAND User Manual



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Cross Reference

Document Cross Reference by Delphi Equipment Part Number

Documents are found in <http://www.delphidirectevolution.com> - DSC Membership required

Part #	Document #	Title
YDT460	DDGX231	Hydraulic Diagnostic Principles of Operation
YDT460	DDNX148A	DIAMAND User Manual
YDT460	DDNX264A	CR Diagnostic Manual - PSA 407 (DW10)
YDT460	DDNX316	DPCN General Manual - Peugeot / Citroen (MERCOSUR)
YDT460	DDNX339D	CR General Manual - CITROEN DW10C - C4 II / DS4
YDT460	DDNX340	CR Diagnostic Manual PSA DW10C
YDT460	DDNX341	CR General Manual - PEUGEOT DW10C
YDT460	DDNX341D	CR General Manual - PEUGEOT DW10C
YDT460	DDNX343	CR Diagnostic Manual - Mercedes (OM651) Euro 5
YDT460	DDNX354B	CR General Manual - Ford Mondeo/Galaxy S. Max KUGA - DW10CBTED4
YDT460	DDNX355	CR Diagnostic Manual - Ford Mondeo/Galaxy S. Max KUGA - DW10CBTED4
YDT460	DDNX367	CR General Manual FIAT - SCUDO - DW10CTED4
YDT460	DDNX368	CR General MANUEL CR-DODGE-CALIBER-OM651
YDT460	DDNX369	CR Diagnostic DODGE & JEEP OM651
YDT460	DDNX376	CR Diagnostic Manual - SsangYong D20DTF DCM3.7
YDT460	DDNX378	CR Diagnostic Manual - DW10B+
YDT460	DDNX379A	CR Diagnostic Manual - HMC A2 2.5l
YDT460	DDNX383	CR Diagnostic Manual Z20D - Z22D GMDAT Euro 5
YDT460	DDNX386	CR General Manual Great Wall Motors 4D20 2.0L E4
YDT460	DDNX393	CR General Manual Mercedes OM651 D18
YDT460	DDNX394	CR General Manual DW10C Hybrid Citroen
YDT460	DDNX395A	CR General Manual JCB Tier 4 / 5
YDT460	DDNX402A	CR General Manual DOOSAN 2.4l Tier 3 / Tier 4
YDT461	DDGX231	Hydraulic Diagnostic Principles of Operation
YDT462	DDGX231	Hydraulic Diagnostic Principles of Operation
YDT465	DDGX231	Hydraulic Diagnostic Principles of Operation
YDT465	DDNX331	THP User Guide
YDT465	DDNX339D	CR General Manual - CITROEN DW10C - C4 II / DS4
YDT465	DDNX341	CR General Manual - PEUGEOT DW10C
YDT465	DDNX341D	CR General Manual - PEUGEOT DW10C
YDT465	DDNX354B	CR General Manual - Ford Mondeo/Galaxy S. Max KUGA - DW10CBTED4
YDT465	DDNX355	CR Diagnostic Manual - Ford Mondeo/Galaxy S. Max KUGA - DW10CBTED4
YDT465	DDNX360	CR Diagnostic Manual - Volkswagen Polo 1.2L TDi
YDT465	DDNX364	Rail Workshop Repair Manual
YDT465	DDNX367	CR General Manual FIAT - SCUDO - DW10CTED4
YDT465	DDNX375	CR General Manual - SsangYong D20DTF (Euro V)
YDT465	DDNX376	CR Diagnostic Manual - SsangYong D20DTF DCM3.7
YDT465	DDNX383	CR Diagnostic Manual Z20D - Z22D GMDAT Euro 5
YDT465	DDNX386	CR General Manual Great Wall Motors 4D20 2.0L E4
YDT465	DDNX394	CR General Manual DW10C Hybrid Citroen
YDT466	DDGX231	Hydraulic Diagnostic Principles of Operation
YDT466	DDNX331	THP User Guide
YDT466	DDNX339D	CR General Manual - CITROEN DW10C - C4 II / DS4
YDT466	DDNX341	CR General Manual - PEUGEOT DW10C
YDT466	DDNX341D	CR General Manual - PEUGEOT DW10C
YDT466	DDNX354A	CR General Manual - Ford Mondeo/Galaxy S. Max KUGA - DW10CBTED4
YDT466	DDNX354B	CR General Manual - Ford Mondeo/Galaxy S. Max KUGA - DW10CBTED4
YDT466	DDNX367	CR General Manual FIAT - SCUDO - DW10CTED4
YDT466	DDNX394	CR General Manual DW10C Hybrid Citroen
YDT467	DDGX231	Hydraulic Diagnostic Principles of Operation
YDT467	DDNX331	THP User Guide
YDT468	DDGX231	Hydraulic Diagnostic Principles of Operation
YDT470	DDNX395	CR General Manual JCB Tier 4
YDT470	DDNX395A	CR General Manual JCB Tier 4
YDT470	DDNX395A	CR General Manual JCB Tier 5
YDT471	DDNX299B	CR Injector Workshop Manual - Repair procedure
YDT471	DDNX339D	CR General Manual - CITROEN DW10C - C4 II / DS4
YDT471	DDNX340	CR Diagnostic Manual PSA DW10C
YDT471	DDNX341	CR General Manual - PEUGEOT DW10C
YDT471	DDNX341D	CR General Manual - PEUGEOT DW10C
YDT471	DDNX344	CR General Manual - Renault K9K Euro V Megane Kangoo
YDT471	DDNX354	CR General Manual - Ford Mondeo/Galaxy S. Max KUGA - DW10CBTED4
YDT471	DDNX354A	CR General Manual - Ford Mondeo/Galaxy S. Max KUGA - DW10CBTED4
YDT471	DDNX354B	CR General Manual - Ford Mondeo/Galaxy S. Max KUGA - DW10CBTED4
YDT471	DDNX355	CR Diagnostic Manual - Ford Mondeo/Galaxy S. Max KUGA - DW10CBTED4
YDT471	DDNX367	CR General Manual FIAT - SCUDO - DW10CTED4
YDT471	DDNX378	CR Diagnostic Manual - DW10B+
YDT471	DDNX394	CR General Manual DW10C Hybrid Citroen
YDT471	DDNX395	CR General Manual JCB Tier 4
YDT471	DDNX395A	CR General Manual JCB Tier 4 / 5
YDT471	DDNX402A	CR General Manual DOOSAN 2.4l Tier 3 / Tier 4
YDT472	DDGX231	Hydraulic Diagnostic Principles of Operation
YDT472	DDNX331	THP User Guide
YDT474	DDNX330A	CR General Manual Peugeot 307 308 407 508
YDT474	DDNX333A	CR General Manual - DW10B Citroen
YDT474	DDNX378	CR Diagnostic Manual - DW10B+
YDT474	DDNX394	CR General Manual DW10C Hybrid Citroen



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Cross Reference

Document Cross Reference by Delphi Equipment Part Number

Documents are found in <http://www.delphidirectevolution.com> - DSC Membership required

Part #	Document #	Title
YDT477	DDGX231	Hydraulic Diagnostic Principles of Operation
YDT477A	DDGX231	Hydraulic Diagnostic Principles of Operation
YDT477B	DDGX231	Hydraulic Diagnostic Principles of Operation
YDT477C	DDGX231	Hydraulic Diagnostic Principles of Operation
YDT477D	DDGX231	Hydraulic Diagnostic Principles of Operation
YDT478	DDGX231	Hydraulic Diagnostic Principles of Operation
YDT478	DDNX339D	CR General Manual - CITROEN DW10C - C4 II / DS4
YDT478	DDNX341	CR General Manual - PEUGEOT DW10C
YDT478	DDNX341D	CR General Manual - PEUGEOT DW10C
YDT478	DDNX354	CR General Manual - Ford Mondeo/Galaxy S. Max KUGA - DW10CBTED4
YDT478	DDNX354A	CR General Manual - Ford Mondeo/Galaxy S. Max KUGA - DW10CBTED4
YDT478	DDNX354B	CR General Manual - Ford Mondeo/Galaxy S. Max KUGA - DW10CBTED4
YDT478	DDNX367	CR General Manual FIAT - SCUDO - DW10CTED4
YDT478	DDNX386	CR General Manual Great Wall Motors 4D20 2.0L E4
YDT478	DDNX394	CR General Manual DW10C Hybrid Citroen
YDT478	DDNX398	CR Workshop Manual - DFP6 Repair Procedure
YDT479	DDNX299B	CR Injector Workshop Manual - Repair procedure
YDT479	DDNX343	CR Diagnostic Manual - Mercedes (OM651) Euro 5
YDT479	DDNX369	CR Diagnostic DODGE & JEEP OM651
YDT479	DDNX375	CR General Manual - SsangYong D20DTF (Euro V)
YDT479	DDNX376	CR Diagnostic Manual - SsangYong D20DTF DCM3.7
YDT479	DDNX379A	CR Diagnostic Manual - HMC A2 2.5l
YDT479	DDNX383	CR Diagnostic Manual Z20D - Z22D GMDAT Euro 5
YDT479	DDNX386	CR General Manual Great Wall Motors 4D20 2.0L E4
YDT480	DDGX231	Hydraulic Diagnostic Principles of Operation
YDT480	DDNX163B	CR Pump Workshop Manual
YDT480	DDNX299B	CR Injector Workshop Manual - Repair procedure
YDT480	DDNX330	CR General Manual Peugeot 307 308 407 508
YDT480	DDNX330A	CR General Manual Peugeot 307 308 407 508
YDT480	DDNX333	CR General Manual - DW10B Citroen
YDT480	DDNX333A	CR General Manual - DW10B Citroen
YDT480	DDNX339D	CR General Manual - CITROEN DW10C - C4 II / DS4
YDT480	DDNX341D	CR General Manual - PEUGEOT DW10C
YDT480	DDNX344	CR General Manual - Renault K9K Euro V Megane Kangoo
YDT480	DDNX354B	CR General Manual - Ford Mondeo/Galaxy S. Max KUGA - DW10CBTED4
YDT480	DDNX356	CR General Manual - Hyundai I20 U2 1.4L
YDT480	DDNX356A	CR General Manual - Hyundai I20 U2 1.4L
YDT480	DDNX357	CR General Manual - KIA Venga U2 1.4L
YDT480	DDNX361A	CR General Manual - RENAULT MEGANE / SCENIC III €4 K9K830
YDT480	DDNX362	CR General Manual Mercedes - Sprinter - OM651
YDT480	DDNX364	Rail Workshop Repair Manual
YDT480	DDNX365	CR General MANUAL RENAULT FLUENCE K9K830
YDT480	DDNX366	CR General Manual - DACIA - DUSTER €IV - K9K796
YDT480	DDNX367	CR General Manual FIAT - SCUDO - DW10CTED4
YDT480	DDNX368	CR General MANUEL CR-DODGE-CALIBER-OM651
YDT480	DDNX375	CR General Manual - SsangYong D20DTF (Euro V)
YDT480	DDNX386	CR General Manual Great Wall Motors 4D20 2.0L E4
YDT480	DDNX393	CR General Manual Mercedes OM651 D18
YDT480	DDNX394	CR General Manual DW10C Hybrid Citroen
YDT480	DDNX395A	CR General Manual JCB Tier 4 / 5
YDT480	DDNX398	CR Workshop Manual - DFP6 Repair Procedure
YDT480	DDNX402	CR General Manual DOOSAN 2.4i Tier 3 / Tier 4
YDT480	DDNX402A	CR General Manual DOOSAN 2.4i Tier 3 / Tier 4
YDT481	DDNX340	CR Diagnostic Manual PSA DW10C
YDT481	DDNX355	CR Diagnostic Manual - Ford Mondeo/Galaxy S. Max KUGA - DW10CBTED4
YDT481	DDNX394	CR General Manual DW10C Hybrid Citroen
YDT482	DDNX339D	CR General Manual - CITROEN DW10C - C4 II / DS4
YDT482	DDNX340	CR Diagnostic Manual PSA DW10C
YDT482	DDNX341D	CR General Manual - PEUGEOT DW10C
YDT482	DDNX354A	CR General Manual - Ford Mondeo/Galaxy S. Max KUGA - DW10CBTED4
YDT482	DDNX354B	CR General Manual - Ford Mondeo/Galaxy S. Max KUGA - DW10CBTED4
YDT482	DDNX355	CR Diagnostic Manual - Ford Mondeo/Galaxy S. Max KUGA - DW10CBTED4
YDT482	DDNX367	CR General Manual FIAT - SCUDO - DW10CTED4
YDT482	DDNX394	CR General Manual DW10C Hybrid Citroen
YDT483	DDNX339D	CR General Manual - CITROEN DW10C - C4 II / DS4
YDT483	DDNX340	CR Diagnostic Manual PSA DW10C
YDT483	DDNX341D	CR General Manual - PEUGEOT DW10C
YDT483	DDNX354B	CR General Manual - Ford Mondeo/Galaxy S. Max KUGA - DW10CBTED4
YDT483	DDNX355	CR Diagnostic Manual - Ford Mondeo/Galaxy S. Max KUGA - DW10CBTED4
YDT483	DDNX367	CR General Manual FIAT - SCUDO - DW10CTED4
YDT483	DDNX394	CR General Manual DW10C Hybrid Citroen
YDT484	DDNX339D	CR General Manual - CITROEN DW10C - C4 II / DS4
YDT484	DDNX340	CR Diagnostic Manual PSA DW10C
YDT484	DDNX341D	CR General Manual - PEUGEOT DW10C
YDT484	DDNX354B	CR General Manual - Ford Mondeo/Galaxy S. Max KUGA - DW10CBTED4
YDT484	DDNX355	CR Diagnostic Manual - Ford Mondeo/Galaxy S. Max KUGA - DW10CBTED4
YDT484	DDNX367	CR General Manual FIAT - SCUDO - DW10CTED4



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Cross Reference

Document Cross Reference by Delphi Equipment Part Number

Documents are found in <http://www.delphidirectevolution.com> - DSC Membership required

Part #	Document #	Title
YDT484	DDNX394	CR General Manual DW10C Hybrid Citroen
YDT486	DDNX329B	IRIS User Guide
YDT500	DDGX231	Hydraulic Diagnostic Principles of Operation
YDT500	DDNX331	THP User Guide
YDT503	DDNX364	Rail Workshop Repair Manual
YDT504	DDNX364	Rail Workshop Repair Manual
YDT505	DDNX364	Rail Workshop Repair Manual
YDT505	DDNX364	Rail Workshop Repair Manual
YDT506	DDNX364	Rail Workshop Repair Manual
YDT506 (A-B-C)	DDNX364	Rail Workshop Repair Manual
YDT506 (A-B-C)	DDNX364	Rail Workshop Repair Manual
YDT512	DDNX339D	CR General Manual - CITROEN DW10C - C4 II / DS4
YDT512	DDNX341D	CR General Manual - PEUGEOT DW10C
YDT512	DDNX354	CR General Manual - Ford Mondeo/Galaxy S. Max KUGA - DW10CBTED4
YDT512	DDNX354A	CR General Manual - Ford Mondeo/Galaxy S. Max KUGA - DW10CBTED4
YDT512	DDNX354B	CR General Manual - Ford Mondeo/Galaxy S. Max KUGA - DW10CBTED4
YDT512	DDNX367	CR General Manual FIAT - SCUDO - DW10CTED4
YDT512	DDNX394	CR General Manual DW10C Hybrid Citroen
YDT514	DDGX231	Hydraulic Diagnostic Principles of Operation
YDT521	DDNX339A	CR General Manual - CITROEN DW10C - C4 II / DS4
YDT521	DDNX340	CR Diagnostic Manual PSA DW10C
YDT521	DDNX341	CR General Manual - PEUGEOT DW10C
YDT521	DDNX341A	CR General Manual - PEUGEOT DW10C
YDT521	DDNX343	CR Diagnostic Manual - Mercedes (OM651) Euro 5
YDT521	DDNX355	CR Diagnostic Manual - Ford Mondeo/Galaxy S. Max KUGA - DW10CBTED4
YDT521	DDNX369	CR Diagnostic DODGE & JEEP OM651
YDT521	DDNX379A	CR Diagnostic Manual - HMC A2 2.5l
YDT521	DDNX383	CR Diagnostic Manual Z20D - Z22D GMDAT Euro 5
YDT521	DDNX394	CR General Manual DW10C Hybrid Citroen
YDT521 - Cable D	DDNX339C	CR General Manual - CITROEN DW10C - C4 II / DS4
YDT521 - Cable D	DDNX341D	CR General Manual - PEUGEOT DW10C
YDT521 - Cable D	DDNX354A	CR General Manual - Ford Mondeo/Galaxy S. Max KUGA - DW10CBTED4
YDT521 - Cable D	DDNX354B	CR General Manual - Ford Mondeo/Galaxy S. Max KUGA - DW10CBTED4
YDT521 - Cable D	DDNX367	CR General Manual FIAT - SCUDO - DW10CTED4
YDT521 - Cable D	DDNX394	CR General Manual DW10C Hybrid Citroen
YDT521A	DDNX362	CR General Manual Mercedes - Sprinter - OM651
YDT521A	DDNX368	CR General MANUEL CR-DODGE-CALIBER-OM651
YDT521A	DDNX393	CR General Manual Mercedes OM651 D18
YDT521B	DDNX383	CR Diagnostic Manual Z20D - Z22D GMDAT Euro 5
YDT521B	DDNX386	CR General Manual Great Wall Motors 4D20 2.0L E4
YDT521B	DDNX402A	CR General Manual DOOSAN 2.4l Tier 3 / Tier 4
YDT521B	DDNX402A	CR General Manual DOOSAN 2.4l Tier 3 / Tier 4
YDT521D	DDNX339D	CR General Manual - CITROEN DW10C - C4 II / DS4
YDT521D	DDNX340	CR Diagnostic Manual PSA DW10C
YDT521D	DDNX341D	CR General Manual - PEUGEOT DW10C
YDT521D	DDNX354B	CR General Manual - Ford Mondeo/Galaxy S. Max KUGA - DW10CBTED4
YDT521D	DDNX367	CR General Manual FIAT - SCUDO - DW10CTED4
YDT521D	DDNX394	CR General Manual DW10C Hybrid Citroen
YDT522	DDNX339D	CR General Manual - CITROEN DW10C - C4 II / DS4
YDT522	DDNX341D	CR General Manual - PEUGEOT DW10C
YDT522	DDNX344	CR General Manual - Renault K9K Euro V Megane Kangoo
YDT522	DDNX354B	CR General Manual - Ford Mondeo/Galaxy S. Max KUGA - DW10CBTED4
YDT522	DDNX356A	CR General Manual - Hyundai i20 U2 1.4L
YDT522	DDNX357	CR General Manual - KIA Venga U2 1.4L
YDT522	DDNX361A	CR General Manual - RENAULT MEGANE / SCENIC III €4 K9K830
YDT522	DDNX362	CR General Manual Mercedes - Sprinter - OM651
YDT522	DDNX365	CR General MANUAL RENAULT FLUENCE K9K830
YDT522	DDNX366	CR General Manual - DACIA - DUSTER €IV - K9K796
YDT522	DDNX367	CR General Manual FIAT - SCUDO - DW10CTED4
YDT522	DDNX368	CR General MANUEL CR-DODGE-CALIBER-OM651
YDT522	DDNX375	CR General Manual - SsangYong D20DTF (Euro V)
YDT522	DDNX386	CR General Manual Great Wall Motors 4D20 2.0L E4
YDT522	DDNX393	CR General Manual Mercedes OM651 D18
YDT522	DDNX394	CR General Manual DW10C Hybrid Citroen
YDT522	DDNX395A	CR General Manual JCB Tier 4 / 5
YDT522	DDNX402A	CR General Manual DOOSAN 2.4l Tier 3 / Tier 4
YDT526	DDGX217	Sensors & Actuators Principles of Operation
YDT526	DDNX376	CR Diagnostic Manual - SsangYong D20DTF DCM3.7
YDT526	DDNX383	CR Diagnostic Manual Z20D - Z22D GMDAT Euro 5
YDT527	DDGX231	Hydraulic Diagnostic Principles of Operation
YDT528A	DDNX375	CR General Manual - SsangYong D20DTF (Euro V)
YDT528A	DDNX376	CR Diagnostic Manual - SsangYong D20DTF DCM3.7
YDT528A	DDNX402A	CR General Manual DOOSAN 2.4l Tier 3 / Tier 4
YDT529	DDNX340	CR Diagnostic Manual PSA DW10C
YDT529	DDNX343	CR Diagnostic Manual - Mercedes (OM651) Euro 5
YDT529	DDNX355	CR Diagnostic Manual - Ford Mondeo/Galaxy S. Max KUGA - DW10CBTED4
YDT529	DDNX369	CR Diagnostic DODGE & JEEP OM651



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Cross Reference

Document Cross Reference by Delphi Equipment Part Number

Documents are found in <http://www.delphidirectevolution.com> - DSC Membership required

Part #	Document #	Title
YDT529	DDNX376	CR Diagnostic Manual - SsangYong D20DTF DCM3.7
YDT529	DDNX378	CR Diagnostic Manual - DW10B+
YDT529	DDNX379A	CR Diagnostic Manual - HMC A2 2.5l
YDT529	DDNX383	CR Diagnostic Manual Z20D - Z22D GMDAT Euro 5
YDT529	DDNX394	CR General Manual DW10C Hybrid Citroen
YDT529 - Cable C	DDNX376	CR Diagnostic Manual - SsangYong D20DTF DCM3.7
YDT529 - Cable C	DDNX383	CR Diagnostic Manual Z20D - Z22D GMDAT Euro 5
YDT529A	DDNX362	CR General Manual Mercedes - Sprinter - OM651
YDT529A	DDNX368	CR General MANUEL CR-DODGE-CALIBER-OM651
YDT529A	DDNX375	CR General Manual - SsangYong D20DTF (Euro V)
YDT529A	DDNX376	CR Diagnostic Manual - SsangYong D20DTF DCM3.7
YDT529A	DDNX393	CR General Manual Mercedes OM651 D18
YDT529B	DDNX362	CR General Manual Mercedes - Sprinter - OM651
YDT529B	DDNX368	CR General MANUEL CR-DODGE-CALIBER-OM651
YDT529B	DDNX393	CR General Manual Mercedes OM651 D18
YDT529C	DDNX364	Rail Workshop Repair Manual
YDT529C	DDNX375	CR General Manual - SsangYong D20DTF (Euro V)
YDT529C	DDNX376	CR Diagnostic Manual - SsangYong D20DTF DCM3.7
YDT529C	DDNX383	CR Diagnostic Manual Z20D - Z22D GMDAT Euro 5
YDT529C	DDNX393	CR General Manual Mercedes OM651 D18
YDT529C	DDNX402	CR General Manual DOOSAN 2.4l Tier 3 / Tier 4
YDT529C	DDNX402A	CR General Manual DOOSAN 2.4l Tier 3 / Tier 4
YDT529D	DDNX339D	CR General Manual - CITROEN DW10C - C4 II / DS4
YDT529D	DDNX341D	CR General Manual - PEUGEOT DW10C
YDT529D	DDNX354B	CR General Manual - Ford Mondeo/Galaxy S. Max KUGA - DW10CBTED4
YDT529D	DDNX362	CR General Manual Mercedes - Sprinter - OM651
YDT529D	DDNX367	CR General Manual FIAT - SCUDO - DW10CTED4
YDT529D	DDNX368	CR General MANUEL CR-DODGE-CALIBER-OM651
YDT529D	DDNX375	CR General Manual - SsangYong D20DTF (Euro V)
YDT529D	DDNX376	CR Diagnostic Manual - SsangYong D20DTF DCM3.7
YDT529D	DDNX383	CR Diagnostic Manual Z20D - Z22D GMDAT Euro 5
YDT529D	DDNX386	CR General Manual Great Wall Motors 4D20 2.0L E4
YDT529D	DDNX393	CR General Manual Mercedes OM651 D18
YDT529D	DDNX394	CR General Manual DW10C Hybrid Citroen
YDT529D	DDNX402A	CR General Manual DOOSAN 2.4l Tier 3 / Tier 4
YDT530	DDNX356A	CR General Manual - Hyundai I20 U2 1.4L
YDT530	DDNX357	CR General Manual - KIA Venga U2 1.4L
YDT530	DDNX362	CR General Manual Mercedes - Sprinter - OM651
YDT530	DDNX368	CR General MANUEL CR-DODGE-CALIBER-OM651
YDT530	DDNX375	CR General Manual - SsangYong D20DTF (Euro V)
YDT530	DDNX393	CR General Manual Mercedes OM651 D18
YDT531	DDGX231	Hydraulic Diagnostic Principles of Operation
YDT531	DDNX398	CR Workshop Manual - DFP6 Repair Procedure
YDT532	DDNX356A	CR General Manual - Hyundai I20 U2 1.4L
YDT532	DDNX357	CR General Manual - KIA Venga U2 1.4L
YDT532-1	DDNX356A	CR General Manual - Hyundai I20 U2 1.4L
YDT532-1	DDNX357	CR General Manual - KIA Venga U2 1.4L
YDT532-2	DDNX356A	CR General Manual - Hyundai I20 U2 1.4L
YDT532-2	DDNX357	CR General Manual - KIA Venga U2 1.4L
YDT532-3	DDNX356A	CR General Manual - Hyundai I20 U2 1.4L
YDT532-3	DDNX357	CR General Manual - KIA Venga U2 1.4L
YDT532-4	DDNX356A	CR General Manual - Hyundai I20 U2 1.4L
YDT532-4	DDNX357	CR General Manual - KIA Venga U2 1.4L
YDT532-5	DDNX356A	CR General Manual - Hyundai I20 U2 1.4L
YDT532-5	DDNX357	CR General Manual - KIA Venga U2 1.4L
YDT534	DDNX364	Rail Workshop Repair Manual
YDT534A	DDNX364	Rail Workshop Repair Manual
YDT534a	DDNX364	Rail Workshop Repair Manual
YDT534B	DDNX364	Rail Workshop Repair Manual
YDT534B	DDNX364	Rail Workshop Repair Manual
YDT537	DDNX343	CR Diagnostic Manual - Mercedes (OM651) Euro 5
YDT537	DDNX355	CR Diagnostic Manual - Ford Mondeo/Galaxy S. Max KUGA - DW10CBTED4
YDT537	DDNX369	CR Diagnostic DODGE & JEEP OM651
YDT537	DDNX376	CR Diagnostic Manual - SsangYong D20DTF DCM3.7
YDT537	DDNX379A	CR Diagnostic Manual - HMC A2 2.5l
YDT537 - Cable A	DDNX354A	CR General Manual - Ford Mondeo/Galaxy S. Max KUGA - DW10CBTED4
YDT537A	DDNX354B	CR General Manual - Ford Mondeo/Galaxy S. Max KUGA - DW10CBTED4
YDT537C	DDNX375	CR General Manual - SsangYong D20DTF (Euro V)
YDT537C	DDNX376	CR Diagnostic Manual - SsangYong D20DTF DCM3.7
YDT537D	DDNX362	CR General Manual Mercedes - Sprinter - OM651
YDT537D	DDNX368	CR General MANUEL CR-DODGE-CALIBER-OM651
YDT537D	DDNX375	CR General Manual - SsangYong D20DTF (Euro V)
YDT537D	DDNX376	CR Diagnostic Manual - SsangYong D20DTF DCM3.7
YDT537D	DDNX393	CR General Manual Mercedes OM651 D18
YDT538	DDNX376	CR Diagnostic Manual - SsangYong D20DTF DCM3.7
YDT538	DDNX379A	CR Diagnostic Manual - HMC A2 2.5l
YDT538	DDNX383	CR Diagnostic Manual Z20D - Z22D GMDAT Euro 5



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Cross Reference

Document Cross Reference by Delphi Equipment Part Number

Documents are found in <http://www.delphidirectevolution.com> - DSC Membership required

Part #	Document #	Title
YDT538 - Cable D	DDNX354	CR General Manual - Ford Mondeo/Galaxy S. Max KUGA - DW10CBTED4
YDT538B	DDNX364	Rail Workshop Repair Manual
YDT538B	DDNX383	CR Diagnostic Manual Z20D - Z22D GMDAT Euro 5
YDT538C	DDNX375	CR General Manual - SsangYong D20DTF (Euro V)
YDT538C	DDNX376	CR Diagnostic Manual - SsangYong D20DTF DCM3.7
YDT538C	DDNX383	CR Diagnostic Manual Z20D - Z22D GMDAT Euro 5
YDT538C	DDNX386	CR General Manual Great Wall Motors 4D20 2.0L E4
YDT538D	DDNX354	CR General Manual - Ford Mondeo/Galaxy S. Max KUGA - DW10CBTED4
YDT538D	DDNX375	CR General Manual - SsangYong D20DTF (Euro V)
YDT538D	DDNX376	CR Diagnostic Manual - SsangYong D20DTF DCM3.7
YDT538D	DDNX393	CR General Manual Mercedes OM651 D18
YDT540	DDNX163B	CR Pump Workshop Manual
YDT540	DDNX299B	CR Injector Workshop Manual - Repair procedure
YDT540	DDNX364	Rail Workshop Repair Manual
YDT540	DDNX398	CR Workshop Manual - DFP6 Repair Procedure
YDT540	DDNX364	Rail Workshop Repair Manual
YDT542	DDNX364	Rail Workshop Repair Manual
YDT542	DDNX398	CR Workshop Manual - DFP6 Repair Procedure
YDT547	DDNX364	Rail Workshop Repair Manual
YDT549	DDNX364	Rail Workshop Repair Manual
YDT554	DDNX360	CR Diagnostic Manual - Volkswagen Polo 1.2L TDi
YDT555	DDNX360	CR Diagnostic Manual - Volkswagen Polo 1.2L TDi
YDT556	DDNX360	CR Diagnostic Manual - Volkswagen Polo 1.2L TDi
YDT559	DDNX378	CR Diagnostic Manual - DW10B+
YDT559	DDNX383	CR Diagnostic Manual Z20D - Z22D GMDAT Euro 5
YDT559 - Cable D	DDNX354B	CR General Manual - Ford Mondeo/Galaxy S. Max KUGA - DW10CBTED4
YDT559B	DDNX383	CR Diagnostic Manual Z20D - Z22D GMDAT Euro 5
YDT559B	DDNX386	CR General Manual Great Wall Motors 4D20 2.0L E4
YDT559D	DDNX354B	CR General Manual - Ford Mondeo/Galaxy S. Max KUGA - DW10CBTED4
YDT559D	DDNX386	CR General Manual Great Wall Motors 4D20 2.0L E4
YDT561	DDGX231	Hydraulic Diagnostic Principles of Operation
YDT562	DDGX231	Hydraulic Diagnostic Principles of Operation
YDT563	DDGX231	Hydraulic Diagnostic Principles of Operation
YDT564	DDNX376	CR Diagnostic Manual - SsangYong D20DTF DCM3.7
YDT564	DDNX379A	CR Diagnostic Manual - HMC A2 2.5l
YDT564A	DDNX375	CR General Manual - SsangYong D20DTF (Euro V)
YDT564A	DDNX376	CR Diagnostic Manual - SsangYong D20DTF DCM3.7
YDT564B	DDNX375	CR General Manual - SsangYong D20DTF (Euro V)
YDT564B	DDNX376	CR Diagnostic Manual - SsangYong D20DTF DCM3.7
YDT564B	DDNX402A	CR General Manual DOOSAN 2.4l Tier 3 / Tier 4
YDT564C	DDNX375	CR General Manual - SsangYong D20DTF (Euro V)
YDT564C	DDNX376	CR Diagnostic Manual - SsangYong D20DTF DCM3.7
YDT564D	DDNX364	Rail Workshop Repair Manual
YDT574	DDNX376	CR Diagnostic Manual - SsangYong D20DTF DCM3.7
YDT574	DDNX379A	CR Diagnostic Manual - HMC A2 2.5l
YDT574	DDNX383	CR Diagnostic Manual Z20D - Z22D GMDAT Euro 5
YDT574A	DDNX383	CR Diagnostic Manual Z20D - Z22D GMDAT Euro 5
YDT574B	DDNX375	CR General Manual - SsangYong D20DTF (Euro V)
YDT574B	DDNX376	CR Diagnostic Manual - SsangYong D20DTF DCM3.7
YDT574B	DDNX402A	CR General Manual DOOSAN 2.4l Tier 3 / Tier 4
YDT574C	DDNX383	CR Diagnostic Manual Z20D - Z22D GMDAT Euro 5
YDT574C	DDNX402A	CR General Manual DOOSAN 2.4l Tier 3 / Tier 4
YDT574C	DDNX383	CR Diagnostic Manual Z20D - Z22D GMDAT Euro 5
YDT574D	DDNX383	CR Diagnostic Manual Z20D - Z22D GMDAT Euro 5
YDT575	DDGX231	Hydraulic Diagnostic Principles of Operation
YDT584	DDGX231	Hydraulic Diagnostic Principles of Operation
YDT586	DDGX231	Hydraulic Diagnostic Principles of Operation
YDT599	DDNX376	CR Diagnostic Manual - SsangYong D20DTF DCM3.7
YDT600	DDNX299B	CR Injector Workshop Manual - Repair procedure
YDT601	DDNX299B	CR Injector Workshop Manual - Repair procedure
YDT611	DDNX299B	CR Injector Workshop Manual - Repair procedure
YDT612	DDNX299B	CR Injector Workshop Manual - Repair procedure
YDT613	DDNX299B	CR Injector Workshop Manual - Repair procedure
YDT614	DDNX299B	CR Injector Workshop Manual - Repair procedure
YDT615	DDNX299B	CR Injector Workshop Manual - Repair procedure
YDT616	DDNX299B	CR Injector Workshop Manual - Repair procedure
YDT617	DDNX299B	CR Injector Workshop Manual - Repair procedure
YDT619	DDNX299B	CR Injector Workshop Manual - Repair procedure
YDT621	DDNX299B	CR Injector Workshop Manual - Repair procedure
YDT622	DDNX299B	CR Injector Workshop Manual - Repair procedure
YDT624	DDNX299B	CR Injector Workshop Manual - Repair procedure
YDT625	DDNX299B	CR Injector Workshop Manual - Repair procedure
YDT626	DDNX299B	CR Injector Workshop Manual - Repair procedure
YDT627	DDNX299B	CR Injector Workshop Manual - Repair procedure
YDT632	DDNX299B	CR Injector Workshop Manual - Repair procedure
YDT633	DDNX299B	CR Injector Workshop Manual - Repair procedure
YDT637	DDNX299B	CR Injector Workshop Manual - Repair procedure



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Cross Reference

Document Cross Reference by Delphi Equipment Part Number

Documents are found in <http://www.delphidirectevolution.com> - DSC Membership required

Part #	Document #	Title
YDT640	DDNX299B	CR Injector Workshop Manual - Repair procedure
YDT650	DDNX398	CR Workshop Manual - DFP6 Repair Procedure
YDT651	DDNX398	CR Workshop Manual - DFP6 Repair Procedure
YDT652	DDNX398	CR Workshop Manual - DFP6 Repair Procedure
YDT653	DDNX398	CR Workshop Manual - DFP6 Repair Procedure
YDT654	DDNX398	CR Workshop Manual - DFP6 Repair Procedure
YDT655	DDNX398	CR Workshop Manual - DFP6 Repair Procedure
YDT656	DDNX398	CR Workshop Manual - DFP6 Repair Procedure
YDT657	DDNX398	CR Workshop Manual - DFP6 Repair Procedure
YDT658	DDNX398	CR Workshop Manual - DFP6 Repair Procedure
YDT659	DDNX398	CR Workshop Manual - DFP6 Repair Procedure
YDT660	DDNX398	CR Workshop Manual - DFP6 Repair Procedure
YDT661	DDNX398	CR Workshop Manual - DFP6 Repair Procedure
YDT662	DDNX398	CR Workshop Manual - DFP6 Repair Procedure
YDT663	DDNX398	CR Workshop Manual - DFP6 Repair Procedure
YDT664	DDNX398	CR Workshop Manual - DFP6 Repair Procedure
YDT665	DDNX398	CR Workshop Manual - DFP6 Repair Procedure
YDT669	DDNX398	CR Workshop Manual - DFP6 Repair Procedure
YDT709 - Cable B	DDNX354B	CR General Manual - Ford Mondeo/Galaxy S. Max KUGA - DW10CBTED4
YDT709 - Cable C	DDNX354B	CR General Manual - Ford Mondeo/Galaxy S. Max KUGA - DW10CBTED4
YDT709A	DDNX354B	CR General Manual - Ford Mondeo/Galaxy S. Max KUGA - DW10CBTED4
YDT709B	DDNX354B	CR General Manual - Ford Mondeo/Galaxy S. Max KUGA - DW10CBTED4
YDT709C	DDNX354B	CR General Manual - Ford Mondeo/Galaxy S. Max KUGA - DW10CBTED4
YDT709C	DDNX402A	CR General Manual DOOSAN 2.4l Tier 3 / Tier 4
YDT709D	DDNX354B	CR General Manual - Ford Mondeo/Galaxy S. Max KUGA - DW10CBTED4
YDT710	DDNX383	CR Diagnostic Manual Z20D - Z22D GMDAT Euro 5
YDT710 - Cable C	DDNX354B	CR General Manual - Ford Mondeo/Galaxy S. Max KUGA - DW10CBTED4
YDT710B	DDNX393	CR General Manual Mercedes OM651 D18
YDT710C	DDNX354B	CR General Manual - Ford Mondeo/Galaxy S. Max KUGA - DW10CBTED4
YDT710C	DDNX383	CR Diagnostic Manual Z20D - Z22D GMDAT Euro 5
YDT739	DDNX393	CR General Manual Mercedes OM651 D18
YDT740	DDNX393	CR General Manual Mercedes OM651 D18
YDT743	DDNX402	CR General Manual DOOSAN 2.4l Tier 3 / Tier 4
YDT743	DDNX402A	CR General Manual DOOSAN 2.4l Tier 3 / Tier 4
YWB741	DDNX393	CR General Manual Mercedes OM651 D18

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